fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	10	8.7	338	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
97	10	6.6	150	0	11.7581	0	0	24	11	0.8	52	84	0	0	0
98	10	6.9	30	0	0	0	0	26.1	5.6	1	41.09	83.09	0	0	0
99	10	6.9	90	0	0	0	0	26.1	5.6	1	41.09	83.09	0	0	0
4045	10	12.5	290.1	0	0.8	0	0	27.1	10.7	0.9	50.1	81.2	0	0	0
4046	10	10.3286	261.24	0	1.6	0	0	29.6	10.7	1	45.7	79.8	0	0	0
4047	10	8.7	261.24	0	1.6	0	0	29.6	10.7	1	45.7	79.8	0	0	0
4048	10	8.7	239.6	0	2.1	0	0	31.5	10.7	1	42.3	78.8	0	0	0
4049	10	12.5	307.5	0	0.6	0	0	26.7	11.3	0.9	50.7	81.2	0	0	0
4050	10	10.3286	275.67	0	1.5	0	0	29.4	11.2	1	46.1	79.7	0	0	0
4051	10	8.7	275.67	0	1.5	0	0	29.4	11.2	1	46.1	79.7	0	0	0
4052	10	8.7	251.8	0	2.1	0	0	31.3	11.2	1.1	42.6	78.6	0	0	0
4053	10	12	150.32	0	0.1	0	0	19.4	6.8	1.2	55.3	85.1	0	0	0
4054	10	10.5333	187.56	0	0.3	0	0	23.1	9	1.3	50.6	83.8	0	0	0
4055	10	9.43333	215.48	0	0.4	0	0	25.9	10.7	1.4	47	82.8	0	0	0
4056	10	8.7	215.48	0	0.4	0	0	25.9	10.7	1.4	47	82.8	0	0	0
4057	10	8.7	234.1	0	0.4	0	0	27.7	11.8	1.5	44.6	82.2	0	0	0
4058	10	8.71834	215.48	0	0.4	0	0	25.9	10.7	1.4	47	82.8	0	0	0
4080	10	12.3	337.4	0	1	0	0	24.9	11.1	0.8	50.3	81.3	0	0	0
4081	10	8.7	356.4	0	1.7	0	0	30.6	10.2	1	43.5	79.2	0	0	0
4082	10	12.5	291.2	0	0.8	0	0	27	10.8	0.9	50.2	81.3	0	0	0
4083	10	10.3286	262.11	0	1.6	0	0	29.6	10.7	1	45.7	79.8	0	0	0
4084	10	8.7	262.11	0	1.6	0	0	29.6	10.7	1	45.7	79.8	0	0	0
4085	10	8.7	240.3	0	2.1	0	0	31.5	10.7	1	42.4	78.8	0	0	0
4086	10	13.5	182.5	0	0.1	0	0	23.6	7.2	1.5	56.2	87.4	0	0	0
4087	10	12.06	205.81	0	0.1	0	0	25	7.3	1.6	53.7	86.1	0	0	0
4088	10	10.14	236.89	0	0.1	0	0	27	7.4	1.6	50.3	84.5	0	0	0
4089	10	8.7	260.2	0	0.1	0	0	28.4	7.5	1.7	47.9	83.2	0	0	0
4090	10	14.1	261.33	0	0.2	0	0	23.2	8.6	1.2	56.6	83.2	0	0	0
4091	10	11.9903	269.34	0	0.5	0	0	24.7	8.4	1.2	54	82.2	0	0	0
4092	10	9.17743	280.02	0	1	0	0	26.6	8.1	1.3	50.4	80.9	0	0	0
4093	10	13.9	321	0	0.2	0	0	23.7	8.9	1.1	55.1	82.6	0	0	0
4094	10	11.8006	323.88	0	0.5	0	0	25.6	8.6	1.2	52.2	81.5	0	0	0
4095	10	9.00148	327.72	0	1	0	0	28.1	8.2	1.3	48.4	80	0	0	0
4096	10	13	253.53	0	0.5	0	0	21.9	6.7	1.2	56.4	83.3	0	0	0
4097	10	11.8216	254.74	0	0.7	0	0	24.1	7.6	1.2	54.5	82.5	0	0	0
4098	10	10.2504	256.35	0	1	0	0	27	8.9	1.3	51.9	81.4	0	0	0
4099	10	9.0989	256.35	0	1	0	0	27	8.9	1.3	51.9	81.4	0	0	0
4100	10	9.07201	257.55	0	1.2	0	0	29.2	9.8	1.3	50	80.6	0	0	0
4101	10	9.07201	256.35	0	1	0	0	27	8.9	1.3	51.9	81.4	0	0	0
4102	10	13	204.33	0	0.3	0	0	23.9	7.7	1.5	54.9	84.4	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4103	10	11.7189	224.26	0	0.5	0	0	25.4	8.4	1.5	52.5	83.2	0	0	0
4104	10	10.0107	250.85	0	0.8	0	0	27.4	9.3	1.4	49.2	81.6	0	0	0
4105	10	8.7296	270.78	0	1	0	0	28.9	9.9	1.4	46.8	80.4	0	0	0
4106	10	13.8	376.1	0	1.4	0	0	26.9	9.4	1.2	53.5	82.5	0	0	0
4107	10	11.6143	384.89	0	2.6	0	0	28.7	9.7	1.2	50.5	81	0	0	0
4108	10	8.7	396.6	0	4.3	0	0	31	10.1	1.2	46.4	79	0	0	0
4109	10	12.5	284.8	0	0.9	0	0	27	10.7	0.9	50	81.3	0	0	0
4110	10	10.3286	256.4	0	1.6	0	0	29.6	10.6	1	45.6	79.9	0	0	0
4111	10	8.7	256.4	0	1.6	0	0	29.6	10.6	1	45.6	79.9	0	0	0
4112	10	8.7	235.1	0	2.2	0	0	31.5	10.5	1	42.3	78.9	0	0	0
4122	10	13.4	207.9	0	1.3	0	0	27.2	10.6	0.8	49.6	82.7	0	0	0
4123	10	11.3857	191.87	0	1.6	0	0	28.9	10.7	0.8	45.2	81.1	0	0	0
4124	10	8.7	170.5	0	1.9	0	0	31.2	10.7	0.7	39.4	79	0	0	0
4128	10	13.5	405.54	0	0.1	0	0	24	9.4	1.1	52.7	81.2	0	0	0
4129	10	11.4714	401.21	0	0.4	0	0	26.5	9	1.2	49.6	79.9	0	0	0
4130	10	8.76653	395.43	0	0.7	0	0	29.8	8.5	1.3	45.3	78.1	0	0	0
4131	10	12.5	302.6	0	0.7	0	0	26.8	11.1	0.9	50.5	81.2	0	0	0
4132	10	10.3286	271.63	0	1.5	0	0	29.4	11.1	1	46	79.7	0	0	0
4133	10	8.7	271.63	0	1.5	0	0	29.4	11.1	1	46	79.7	0	0	0
4134	10	8.7	248.4	0	2.1	0	0	31.4	11	1	42.5	78.6	0	0	0
4135	10	12.8	192.8	0	0.5	0	0	23.9	7.6	1.5	53.9	83.6	0	0	0
4136	10	11.57	212.99	0	0.7	0	0	25.3	8.2	1.4	51.5	82.4	0	0	0
4137	10	9.93	239.91	0	0.9	0	0	27.2	9	1.4	48.2	80.8	0	0	0
4138	10	8.7	239.91	0	0.9	0	0	27.2	9	1.4	48.2	80.8	0	0	0
4139	10	8.7	260.1	0	1.1	0	0	28.6	9.5	1.4	45.7	79.6	0	0	0
4140	10	13.5	181.5	0	0.1	0	0	23.9	7	1.6	55.8	87.4	0	0	0
4141	10	12.06	204.57	0	0.1	0	0	25.3	7.1	1.6	53.3	86.1	0	0	0
4142	10	10.14	235.33	0	0.1	0	0	27.2	7.3	1.6	50	84.5	0	0	0
4143	10	8.7	258.4	0	0.1	0	0	28.6	7.4	1.7	47.5	83.2	0	0	0
4144	10	12.8	230.62	0	0.3	0	0	22.5	7.1	1.3	55.1	82.9	0	0	0
4145	10	11.6313	240.02	0	0.5	0	0	24.4	7.9	1.3	53	82	0	0	0
4146	10	10.073	252.54	0	0.8	0	0	26.9	9	1.3	50.1	80.7	0	0	0
4147	10	8.90428	261.93	0	1	0	0	28.8	9.8	1.4	48	79.7	0	0	0
4148	10	11.6	30	0	4.9	0	0	21.6	5.3	0.5	50.8	89.6	0	0	0
4149	10	10.3111	37.11	0	5.7	0	0	22.2	4.9	0.5	49.7	88.4	0	0	0
4150	10	9.34444	42.44	0	6.4	0	0	22.6	4.5	0.5	48.9	87.5	0	0	0
4151	10	8.7	46	0	6.8	0	0	22.9	4.3	0.5	48.3	86.9	0	0	0
4152	10	13.6	228.1	0	1	0	0	27.1	11.4	0.8	51	83.3	0	0	0
4153	10	11.5	208.56	0	1.3	0	0	28.7	11.5	0.8	46.5	81.7	0	0	0
4154	10	8.7	182.5	0	1.6	0	0	30.9	11.6	0.7	40.5	79.5	0	0	0
4161	10	10.7	225.56	0	0.4	0	0	25.6	9.8	1.5	52.1	84.9	0	0	0
4162	10	9.5	222.22	0	0.6	0	0	27.5	10.7	1.5	49.3	83.6	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4163	10	8.7	220	0	0.7	0	0	28.7	11.3	1.5	47.4	82.7	0	0	0
4164	10	8.7	222.22	0	0.6	0	0	27.5	10.7	1.5	49.3	83.6	0	0	0
4165	10	13.4	202.6	0	1.4	0	0	27.4	10.4	0.8	49.3	82.7	0	0	0
4166	10	11.3857	187.39	0	1.4	0	0	29.1	10.5	0.8	45	81.2	0	0	0
4167	10	8.7	167.1	0	1.5	0	0	31.4	10.6	0.7	39.2	79.1	0	0	0
4168	10	13	218.95	0	0.3	0	0	23.4	7.5	1.4	55.3	84.1	0	0	0
4169	10	11.7404	234.68	0	0.5	0	0	25.1	8.3	1.4	53	83	0	0	0
4170	10	8.80877	255.65	0	0.8	0	0	27.3	9.3	1.4	49.9	81.5	0	0	0
4171	10	8.80135	271.39	0	1	0	0	29	10	1.4	47.6	80.4	0	0	0
4172	10	10.0609	255.65	0	0.8	0	0	27.3	9.3	1.4	49.9	81.5	0	0	0
4173	10	14	330.69	0	1.3	0	0	24	8.8	1.1	56.3	83.2	0	0	0
4174	10	11.9006	344.57	0	2.6	0	0	26.1	9	1.1	53.7	81.8	0	0	0
4175	10	9.10137	363.08	0	4.4	0	0	28.9	9.1	1.1	50.3	79.9	0	0	0
4176	10	12.4	350.3	0	0.6	0	0	25.1	11.6	0.6	51.5	79.4	0	0	0
4177	10	10.2857	329.56	0	1.1	0	0	28.6	11.5	0.9	47.7	78.7	0	0	0
4178	10	8.7	314	0	1.5	0	0	31.2	11.4	1.1	44.8	78.2	0	0	0
4179	10	13.6	189	0	0.1	0	0	23.4	7.2	1.5	56.8	87.2	0	0	0
4180	10	11.5	223.54	0	0.1	0	0	25.6	7.4	1.6	53.1	85.4	0	0	0
4181	10	8.7	269.6	0	0.1	0	0	28.5	7.6	1.7	48.1	82.9	0	0	0
4182	10	13.5	221	0	1.1	0	0	26.9	11.1	0.8	50.2	82.6	0	0	0
4183	10	11.4429	202.49	0	1.3	0	0	28.6	11.2	0.8	45.8	81	0	0	0
4184	10	8.7	177.8	0	1.5	0	0	30.7	11.3	0.7	39.9	78.8	0	0	0
4191	10	12.5	293.9	0	0.8	0	0	27	10.8	0.9	50.2	81.2	0	0	0
4192	10	10.3286	264.41	0	1.5	0	0	29.6	10.8	1	45.8	79.8	0	0	0
4193	10	8.7	264.41	0	1.5	0	0	29.6	10.8	1	45.8	79.8	0	0	0
4194	10	8.7	242.3	0	2.1	0	0	31.5	10.8	1	42.4	78.7	0	0	0
4195	10	12.4	338.1	0	0.8	0	0	25.1	11.3	0.6	51	79.5	0	0	0
4196	10	9.6	318.79	0	1.2	0	0	28.5	11.1	0.9	47.3	78.8	0	0	0
4197	10	7.5	318.79	0	1.2	0	0	28.5	11.1	0.9	47.3	78.8	0	0	0
4198	10	7.5	304.3	0	1.6	0	0	31.1	11	1.1	44.5	78.3	0	0	0
4199	10	11.4	171.75	0	0.1	0	0	20.6	14.8	1.4	53	89	0	0	0
4200	10	10.2	198.08	0	0.3	0	0	23.7	13.4	1.4	49.2	86	0	0	0
4201	10	8.7	217.83	0	0.4	0	0	26.1	12.3	1.5	46.4	83.8	0	0	0
4202	10	8.7	231	0	0.5	0	0	27.6	11.6	1.5	44.5	82.3	0	0	0
4203	10	9.3	217.83	0	0.4	0	0	26.1	12.3	1.5	46.4	83.8	0	0	0
4204	10	13.6	229.3	0	1	0	0	27.1	11.5	0.8	51	83.3	0	0	0
4205	10	11.5	209.5	0	1.2	0	0	28.7	11.5	0.8	46.5	81.7	0	0	0
4206	10	8.7	183.1	0	1.5	0	0	30.8	11.6	0.7	40.5	79.5	0	0	0
4207	10	13.5	181.5	0	0.2	0	0	23.6	7.2	1.5	56.1	87.4	0	0	0
4208	10	11.4429	214.63	0	0.1	0	0	25.6	7.3	1.6	52.6	85.6	0	0	0
4209	10	8.7	258.8	0	0.1	0	0	28.3	7.5	1.7	47.9	83.3	0	0	0
4210	10	14	379	0	1.4	0	0	27.2	9.4	1.2	54	83.3	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4211	10	11.7286	387.66	0	2.7	0	0	29	9.8	1.2	50.9	81.8	0	0	0
4212	10	8.7	399.2	0	4.3	0	0	31.3	10.2	1.2	46.9	79.7	0	0	0
4213	10	13.7	445.9	0	0.1	0	0	24.4	9.9	1.1	53.4	82.6	0	0	0
4214	10	11.5571	439.17	0	0.4	0	0	27.3	9.5	1.2	50	81.2	0	0	0
4215	10	8.7	430.2	0	0.7	0	0	31.1	8.9	1.3	45.6	79.3	0	0	0
4216	10	13.5	182	0	0.1	0	0	24	7	1.6	55.7	87.4	0	0	0
4217	10	12.06	205.1	0	0.1	0	0	25.4	7.1	1.6	53.2	86.1	0	0	0
4218	10	10.14	235.9	0	0.1	0	0	27.3	7.2	1.6	49.9	84.5	0	0	0
4219	10	8.7	259	0	0.1	0	0	28.7	7.4	1.7	47.4	83.2	0	0	0
4227	10	13	246.13	0	0.7	0	0	21.9	6.5	1.1	56.4	83.3	0	0	0
4228	10	11.3343	246.66	0	1	0	0	24.9	7.7	1.2	53.7	82.3	0	0	0
4229	10	9.11345	247.35	0	1.3	0	0	28.9	9.4	1.3	50.2	80.8	0	0	0
4230	10	13.9	340.08	0	1.3	0	0	24.6	9	1.1	55.7	83.1	0	0	0
4231	10	11.806	352.84	0	2.6	0	0	26.7	9.1	1.1	53	81.6	0	0	0
4232	10	9.01391	369.84	0	4.4	0	0	29.4	9.3	1.2	49.5	79.7	0	0	0
4233	10	13.5	231.1	0	0.9	0	0	26.7	11.5	0.8	50.7	82.5	0	0	0
4234	10	11.4429	210.74	0	1.2	0	0	28.3	11.6	0.8	46.2	80.8	0	0	0
4235	10	8.7	183.6	0	1.4	0	0	30.4	11.7	0.7	40.3	78.7	0	0	0
4242	10	10.7556	230.43	0	0.3	0	0	26.7	7.9	1.5	52.9	84	0	0	0
4243	10	9.52222	262.03	0	0.4	0	0	28.5	9.1	1.5	48.6	83	0	0	0
4244	10	8.7	283.1	0	0.6	0	0	29.7	9.9	1.5	45.8	82.2	0	0	0
4245	10	8.7	262.03	0	0.4	0	0	28.5	9.1	1.5	48.6	83	0	0	0
4246	10	11.5571	337.2	0	0.4	0	0	29.1	8.7	1.6	47.1	83.6	0	0	0
4247	10	8.7	287.6	0	0.8	0	0	32.3	9.6	1.9	43	82	0	0	0
4248	10	10.9286	206	0	0.8	0	0	28.8	11.3	0.7	45.4	80.9	0	0	0
4249	10	8.7	186	0	0.3	0	0	31.3	11.4	0.6	39	78.8	0	0	0
4250	10	7.5	186	0	0.3	0	0	31.3	11.4	0.6	39	78.8	0	0	0
4251	10	13	255.08	0	0.3	0	0	21.9	6.7	1.2	56.2	83.3	0	0	0
4252	10	11.815	256.26	0	0.5	0	0	24.1	7.7	1.2	54.3	82.5	0	0	0
4253	10	10.235	257.84	0	0.8	0	0	27.1	8.9	1.3	51.8	81.4	0	0	0
4254	10	9.04998	259.03	0	1	0	0	29.3	9.8	1.3	49.9	80.6	0	0	0
4255	10	10.2857	242.47	0	0.3	0	0	27.4	8.4	1.5	51.3	83.6	0	0	0
4256	10	8.7	242.47	0	0.3	0	0	27.4	8.4	1.5	51.3	83.6	0	0	0
4262	10	9.64286	256.4	0	1.6	0	0	29.6	10.6	1	45.6	79.9	0	0	0
4263	10	7.5	256.4	0	1.6	0	0	29.6	10.6	1	45.6	79.9	0	0	0
4264	10	7.5	235.1	0	2.2	0	0	31.5	10.5	1	42.3	78.9	0	0	0
4265	10	11.3857	237.43	0	0.4	0	0	27.9	7.9	1.5	53.1	85.3	0	0	0
4266	10	7.5	287.6	0	0.8	0	0	32.3	9.6	1.9	43	82	0	0	0
4267	10	10.9286	202.49	0	1.3	0	0	28.6	11.2	0.8	45.8	81	0	0	0
4268	10	7.5	177.8	0	1.5	0	0	30.7	11.3	0.7	39.9	78.8	0	0	0
4269	10	13.9	382.8	0	0.1	0	0	30.2	8.7	1.9	48.8	83.3	0	0	0
4270	10	11.83	308.06	0	0.1	0	0	30.4	7	1.9	48	84.4	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4271	10	11.2	4	0	9.8	0	0	24.3	0.7	0.7	51.8	85.8	0	0	0
4272	10	10.5156	24.89	0	5.6	0	0	28.2	2.8	0.7	51.7	81.9	0	0	0
4273	10	10.0022	43.56	0	2.4	0	0	31.1	4.4	0.8	51.6	79	0	0	0
4274	10	11.9	237.43	0	0.4	0	0	27.9	7.9	1.5	53.1	85.3	0	0	0
4275	10	7.5	356.4	0	1.7	0	0	30.6	10.2	1	43.5	79.2	0	0	0
4276	10	9.18571	262.11	0	1.6	0	0	29.6	10.7	1	45.7	79.8	0	0	0
4277	10	6.7	262.11	0	1.6	0	0	29.6	10.7	1	45.7	79.8	0	0	0
4278	10	6.7	240.3	0	2.1	0	0	31.5	10.7	1	42.4	78.8	0	0	0
4285	10	11.1	171.75	0	0.1	0	0	20.6	14.8	1.4	53	89	0	0	0
4286	10	9.5	198.08	0	0.3	0	0	23.7	13.4	1.4	49.2	86	0	0	0
4287	10	7.5	217.83	0	0.4	0	0	26.1	12.3	1.5	46.4	83.8	0	0	0
4288	10	7.5	231	0	0.5	0	0	27.6	11.6	1.5	44.5	82.3	0	0	0
4289	10	8.3	217.83	0	0.4	0	0	26.1	12.3	1.5	46.4	83.8	0	0	0
4290	10	11.2	337.4	0	1	0	0	24.9	11.1	0.8	50.3	81.3	0	0	0
4291	10	7.85556	132.76	0	4	0	0	24.1	6.6	1.1	48.9	83.3	0	0	0
4292	10	7.22222	104.22	0	6.9	0	0	22.5	6.2	0.9	48	84	0	0	0
4293	10	6.8	85.2	0	8.9	0	0	21.5	6	0.8	47.3	84.4	0	0	0
4294	10	12.2	416.2	0	0.4	0	0	26.2	12.1	0.7	49.7	81.1	0	0	0
4295	10	9.05714	252.6	0	0.6	0	0	28.9	10.2	0.8	43.9	80.6	0	0	0
4296	10	8.7	252.6	0	0.6	0	0	28.9	10.2	0.8	43.9	80.6	0	0	0
4297	10	6.7	252.6	0	0.6	0	0	28.9	10.2	0.8	43.9	80.6	0	0	0
4298	10	6.7	129.9	0	0.8	0	0	31	8.8	0.8	39.5	80.3	0	0	0
4299	10	11.5	337.2	0	0.4	0	0	29.1	8.7	1.6	47.1	83.6	0	0	0
4312	10	11.6143	214.63	0	0.1	0	0	25.6	7.3	1.6	52.6	85.6	0	0	0
4313	10	11.3157	308.06	0	0.1	0	0	30.4	7	1.9	48	84.4	0	0	0
4314	10	11.2917	352.84	0	2.6	0	0	26.7	9.1	1.1	53	81.6	0	0	0
4315	10	7.81391	369.84	0	4.4	0	0	29.4	9.3	1.2	49.5	79.7	0	0	0
4316	10	13.7	189	0	0.1	0	0	23.4	7.2	1.5	56.8	87.2	0	0	0
4317	10	11.5571	223.54	0	0.1	0	0	25.6	7.4	1.6	53.1	85.4	0	0	0
4318	10	11.2	356.4	0	1.7	0	0	30.6	10.2	1	43.5	79.2	0	0	0
4319	10	12.2	301.2	0	0.5	0	0	27.6	11.6	0.8	48.7	81.4	0	0	0
4320	10	8.7	302.2	0	1.5	0	0	34	9.8	0.9	42.5	80.3	0	0	0
4321	10	13.4	236	0	5.5	0	0	22.5	9.4	0.6	57.2	82.4	0	0	0
4322	10	11.4026	213.29	0	6.6	0	0	24.4	9.8	0.7	53.4	81.7	0	0	0
4323	10	8.73932	183	0	8.1	0	0	27	10.4	0.7	48.3	80.7	0	0	0
4336	10	12.3	403.5	0	0.3	0	0	26.9	11.8	0.9	50.3	79.2	0	0	0
4337	10	9.55714	428.36	0	0.9	0	0	28.3	13.6	0.9	47.9	78.4	0	0	0
4338	10	7.5	428.36	0	0.9	0	0	28.3	13.6	0.9	47.9	78.4	0	0	0
4339	10	7.5	447	0	1.4	0	0	29.4	15.1	0.9	46.2	77.8	0	0	0
4340	10	9.77778	37.11	0	5.7	0	0	22.2	4.9	0.5	49.7	88.4	0	0	0
4341	10	8.41111	42.44	0	6.4	0	0	22.6	4.5	0.5	48.9	87.5	0	0	0
4342	10	7.5	46	0	6.8	0	0	22.9	4.3	0.5	48.3	86.9	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4343	10	10.5714	187.39	0	1.4	0	0	29.1	10.5	0.8	45	81.2	0	0	0
4344	10	6.8	167.1	0	1.5	0	0	31.4	10.6	0.7	39.2	79.1	0	0	0
4345	10	9.7	356.4	0	1.7	0	0	30.6	10.2	1	43.5	79.2	0	0	0
4346	10	11.9	223.54	0	0.1	0	0	25.6	7.4	1.6	53.1	85.4	0	0	0
4347	10	13.8	172	0	10.1876	0	0	19.095	8.61	0.74	58.1	84.025	0	0	0
4348	10	10.8236	176.031	0	10.5999	0	0	20.9107	8.91571	0.805	55.4607	83.1786	0	0	0
4349	10	6.855	181.4	0	11.1489	0	0	23.365	9.34	0.825	51.925	82.1	0	0	0
4350	10	13.5	183.7	0	0.1	0	0	23.1	9.5	0.9	51.4	83.4	0	0	0
4351	10	12.06	213.4	0	0.1	0	0	25.7	9.3	1.1	47.7	82.4	0	0	0
4352	10	10.14	253	0	0.1	0	0	29.2	9.1	1.3	42.6	80.9	0	0	0
4353	10	8.7	253	0	0.1	0	0	29.2	9.1	1.3	42.6	80.9	0	0	0
4354	10	8.7	282.7	0	0.1	0	0	31.8	8.9	1.5	38.9	79.9	0	0	0
4355	10	9.64286	262.11	0	1.6	0	0	29.6	10.7	1	45.7	79.8	0	0	0
4356	10	7.5	262.11	0	1.6	0	0	29.6	10.7	1	45.7	79.8	0	0	0
4357	10	7.5	240.3	0	2.1	0	0	31.5	10.7	1	42.4	78.8	0	0	0
4376	10	13.03	156.245	0	0.937289	0	0	26.315	12.18	0.95	47.72	82.985	0	0	0
4377	10	11.0843	148.23	0	1.1036	0	0	27.165	12.23	0.95	45.52	82.185	0	0	0
4378	10	8.49	137.545	0	1.2699	0	0	28.315	12.23	0.9	42.62	81.135	0	0	0
4385	10	11.46	213.4	0	0.1	0	0	25.7	9.3	1.1	47.7	82.4	0	0	0
4386	10	8.74	253	0	0.1	0	0	29.2	9.1	1.3	42.6	80.9	0	0	0
4387	10	6.7	282.7	0	0.1	0	0	31.8	8.9	1.5	38.9	79.9	0	0	0
4388	10	11.0429	337.2	0	0.4	0	0	29.1	8.7	1.6	47.1	83.6	0	0	0
4389	10	12	149.25	0	0.1	0	0	19.4	6.7	1.2	55.2	85.1	0	0	0
4390	10	10.5333	185.58	0	0.3	0	0	23.1	8.9	1.3	50.5	83.9	0	0	0
4391	10	8.71834	212.83	0	0.4	0	0	25.8	10.5	1.4	46.9	82.9	0	0	0
4392	10	8.7	212.83	0	0.4	0	0	25.8	10.5	1.4	46.9	82.9	0	0	0
4393	10	9.43333	212.83	0	0.4	0	0	25.8	10.5	1.4	46.9	82.9	0	0	0
4394	10	12.6	324.2	0	0.2	0	0	27.6	11.9	1.2	47.3	82.7	0	0	0
4395	10	9.68571	330.83	0	0.3	0	0	31.1	10.9	1.2	43.1	80.6	0	0	0
4396	10	8.7	330.83	0	0.3	0	0	31.1	10.9	1.2	43.1	80.6	0	0	0
4397	10	7.5	330.83	0	0.3	0	0	31.1	10.9	1.2	43.1	80.6	0	0	0
4398	10	7.5	335.8	0	0.4	0	0	33.7	10.2	1.2	40	79	0	0	0
4399	10	9.11429	252.6	0	0.6	0	0	28.9	10.2	0.8	43.9	80.6	0	0	0
4400	10	6.8	252.6	0	0.6	0	0	28.9	10.2	0.8	43.9	80.6	0	0	0
4401	10	6.8	129.9	0	0.8	0	0	31	8.8	0.8	39.5	80.3	0	0	0
4402	10	9.64286	261.24	0	1.6	0	0	29.6	10.7	1	45.7	79.8	0	0	0
4403	10	7.5	261.24	0	1.6	0	0	29.6	10.7	1	45.7	79.8	0	0	0
4404	10	7.5	239.6	0	2.1	0	0	31.5	10.7	1	42.3	78.8	0	0	0
4408	10	10.23	269.92	0	0.1	0	0	27	7.5	1.5	51.3	84.4	0	0	0
4423	10	9.18571	261.24	0	1.6	0	0	29.6	10.7	1	45.7	79.8	0	0	0
4424	10	6.7	261.24	0	1.6	0	0	29.6	10.7	1	45.7	79.8	0	0	0
4425	10	6.7	239.6	0	2.1	0	0	31.5	10.7	1	42.3	78.8	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4426	10	10.3714	330.83	0	0.3	0	0	31.1	10.9	1.2	43.1	80.6	0	0	0
4427	10	8.7	335.8	0	0.4	0	0	33.7	10.2	1.2	40	79	0	0	0
4428	10	13.025	130.735	0	0.15484	0	0	28.88	10.275	1.6	52.585	86.615	0	0	0
4429	10	11.0621	147.3	0	0.101589	0	0	29.88	10.325	1.65	50.1064	85.3314	0	0	0
4430	10	8.445	169.385	0	0.101589	0	0	31.23	10.425	1.7	46.785	83.67	0	0	0
4437	10	11.1189	224.26	0	0.5	0	0	25.4	8.4	1.5	52.5	83.2	0	0	0
4438	10	8.61072	250.85	0	0.8	0	0	27.4	9.3	1.4	49.2	81.6	0	0	0
4439	10	6.7296	270.78	0	1	0	0	28.9	9.9	1.4	46.8	80.4	0	0	0
4446	10	12.8	542.2	0	0.1	0	0	24.1	8.4	1.4	53.2	87.1	0	0	0
4447	10	11.57	503.2	0	0.1	0	0	25.4	8.6	1.3	51.5	86	0	0	0
4448	10	9.93	451.2	0	0.1	0	0	27.1	8.8	1.3	49.2	84.5	0	0	0
4449	10	8.7	412.2	0	0.1	0	0	28.4	9	1.2	47.4	83.5	0	0	0
4450	10	10.6311	213.29	0	6.6	0	0	24.4	9.8	0.7	53.4	81.7	0	0	0
4451	10	6.93932	183	0	8.1	0	0	27	10.4	0.7	48.3	80.7	0	0	0
4452	10	9.14286	242.47	0	0.3	0	0	27.4	8.4	1.5	51.3	83.6	0	0	0
4453	10	6.7	242.47	0	0.3	0	0	27.4	8.4	1.5	51.3	83.6	0	0	0
4454	10	6.7	283.1	0	0.6	0	0	29.7	9.9	1.5	45.8	82.2	0	0	0
4455	10	9.6	329.56	0	1.1	0	0	28.6	11.5	0.9	47.7	78.7	0	0	0
4456	10	7.5	314	0	1.5	0	0	31.2	11.4	1.1	44.8	78.2	0	0	0
4457	10	12.515	51.985	0	4.6734	0	0	25.835	9.405	1.1	51.775	87.16	0	0	0
4458	10	8.935	61.635	0	6.03521	0	0	26.685	8.905	1.1	50.225	85.81	0	0	0
4459	10	14.67	173.615	0	0.1	0	0	35.61	0.76	3.005	51.215	90.33	0	0	0
4460	10	12.1623	176.17	0	0.1	0	0	37.54	0.99	3.27	48.465	87.94	0	0	0
4482	10	13.43	171.045	0	0.4859	0	0	22.815	10.53	1	54.895	84.73	0	0	0
4483	10	11.5271	181.29	0	0.4859	0	0	24.065	10.48	1.05	52.9607	83.6821	0	0	0
4484	10	8.99	194.945	0	0.4859	0	0	25.765	10.43	1.05	50.365	82.335	0	0	0
4494	10	10.5639	52.43	0	2.23379	0	0	31.18	8.075	1.2	49.6294	83.4672	0	0	0
4495	10	9.58055	61.765	0	0.567271	0	0	32.63	8.875	1.25	49.0128	81.7189	0	0	0
4496	10	8.925	67.985	0	0.1034	0	0	33.58	9.425	1.25	48.585	80.52	0	0	0
4497	10	11.875	39.985	0	5.26693	0	0	29.23	7.025	1.2	50.435	85.815	0	0	0
4502	10	12.305	140.295	0	0.609	0	0	24.815	9.405	1.27	51.905	83.195	0	0	0
4503	10	10.0936	167.38	0	0.491456	0	0	26.415	10.455	1.27	48.255	82.245	0	0	0
4504	10	8.435	187.695	0	0.604338	0	0	27.565	11.205	1.27	45.505	81.545	0	0	0
4505	10	9.30071	167.38	0	0.491456	0	0	26.415	10.455	1.27	48.255	82.245	0	0	0
4506	10	12.305	215.195	0	0.707928	0	0	25.265	11.905	0.82	48.105	80.195	0	0	0
4507	10	9.55929	205.54	0	0.915107	0	0	26.965	11.805	0.97	46.255	79.845	0	0	0
4508	10	7.5	198.295	0	1.12229	0	0	28.265	11.755	1.07	44.855	79.595	0	0	0
4509	10	7.5	205.54	0	0.915107	0	0	26.965	11.805	0.97	46.255	79.845	0	0	0
4510	10	12.515	229.715	0	0.3	0	0	26.915	11.66	0.875	51.815	78.16	0	0	0
4511	10	9.64929	242.542	0	0.977619	0	0	28.5264	12.44	0.875	47.935	77.8371	0	0	0
4512	10	7.5	252.16	0	1.52889	0	0	29.76	13.1	0.875	45.075	77.595	0	0	0
4513	10	7.5	242.84	0	0.977619	0	0	29.21	12.35	0.875	45.925	77.895	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4520	10	8.50929	205.54	0	0.915107	0	0	26.965	11.805	0.97	46.255	79.845	0	0	0
4521	10	8.435	167.38	0	0.491456	0	0	26.415	10.455	1.27	48.255	82.245	0	0	0
4522	10	10.0021	149.597	0	0.442583	0	0	28.0764	9.84	1.175	49.635	80.4371	0	0	0
4523	10	8.08	170.21	0	0.738843	0	0	29.91	10.5	1.175	44.875	79.795	0	0	0
4524	10	9.20929	149.597	0	0.442583	0	0	28.0764	9.84	1.175	49.635	80.4371	0	0	0
4525	10	12.58	197.895	0	0.659994	0	0	26.215	12.28	1	50.195	83.33	0	0	0
4526	10	10.2429	183.35	0	1.1034	0	0	27.515	12.23	1.05	46.6993	81.9829	0	0	0
4527	10	8.49	172.445	0	1.38053	0	0	28.465	12.23	1.05	44.115	81.035	0	0	0
4528	10	8.49	183.35	0	1.1034	0	0	27.515	12.23	1.05	45.765	81.535	0	0	0
4529	10	9.42857	183.35	0	1.1034	0	0	27.515	12.23	1.05	46.6993	81.9829	0	0	0
4530	10	12.435	223.9	0	0.883902	0	0	27.11	10.015	0.86	48.855	80.99	0	0	0
4531	10	9.15786	139.56	0	1.16693	0	0	29.9314	8.64786	1.00714	43.695	80.8057	0	0	0
4532	10	6.7	76.305	0	1.42319	0	0	32.085	7.635	1.08	39.8	80.705	0	0	0
4533	10	6.7	137.655	0	1.16693	0	0	31.035	8.335	1.08	42	80.855	0	0	0
4534	10	8.97929	139.56	0	1.16693	0	0	29.9314	8.64786	1.00714	43.695	80.8057	0	0	0
4535	10	12.585	161.4	0	1.26686	0	0	27.51	9.365	0.96	49.105	81.09	0	0	0
4536	10	9.22214	144.315	0	2.11612	0	0	30.2814	8.89786	1.10714	44.595	80.4057	0	0	0
4537	10	6.7	131.505	0	2.64926	0	0	32.335	8.585	1.18	41.25	79.955	0	0	0
4538	10	6.7	142.41	0	2.11612	0	0	31.385	8.585	1.18	42.9	80.455	0	0	0
4539	10	8.97929	144.315	0	2.11612	0	0	30.2814	8.89786	1.10714	44.595	80.4057	0	0	0
4540	10	9.18643	139.56	0	1.16693	0	0	29.9314	8.64786	1.00714	43.695	80.8057	0	0	0
4541	10	6.75	76.305	0	1.42319	0	0	32.085	7.635	1.08	39.8	80.705	0	0	0
4542	10	6.75	137.655	0	1.16693	0	0	31.035	8.335	1.08	42	80.855	0	0	0
4543	10	13.915	241.18	0	0.867989	0	0	26.585	10.26	1.225	53.425	83.785	0	0	0
4544	10	11.6371	245.575	0	1.51759	0	0	27.485	10.41	1.225	50.6436	82.3407	0	0	0
4545	10	8.6	251.43	0	2.43785	0	0	28.635	10.61	1.225	46.885	80.415	0	0	0
4546	10	11.9705	159.625	0	0.489058	0	0	25.785	9.66	1.325	51.528	83.249	0	0	0
4547	10	10.0445	173.085	0	0.597324	0	0	26.735	10.06	1.325	48.682	81.801	0	0	0
4548	10	8.6	183.18	0	0.70559	0	0	27.435	10.31	1.325	46.535	80.715	0	0	0
4549	10	9.4295	173.085	0	0.597324	0	0	26.735	10.06	1.325	48.682	81.801	0	0	0
4550	10	13.415	149.53	0	0.380792	0	0	25.085	9.36	1.375	53.625	84.335	0	0	0
4551	10	11.6534	165.26	0	0.4344	0	0	25.2	9.79	1.375	51.185	82.6	0	0	0
4552	10	8.83136	178.555	0	0.617674	0	0	26.2	10.24	1.325	49.535	81.8	0	0	0
4553	10	6.7148	188.52	0	0.739857	0	0	26.95	10.54	1.325	48.335	81.2	0	0	0
4554	10	7.7148	188.52	0	0.739857	0	0	26.95	10.54	1.325	48.335	81.2	0	0	0
4555	10	13.77	155.295	0	0.312217	0	0	24.45	9.44	1.375	52.385	83.2	0	0	0
4556	10	12.2999	165.26	0	0.4344	0	0	25.2	9.79	1.375	51.185	82.6	0	0	0
4557	10	10.3399	178.555	0	0.617674	0	0	26.2	10.24	1.325	49.535	81.8	0	0	0
4558	10	8.8698	188.52	0	0.739857	0	0	26.95	10.54	1.325	48.335	81.2	0	0	0
4559	10	13.835	176.195	0	0.541097	0	0	23.21	8.85	1.175	53.615	82.68	0	0	0
4560	10	11.8172	176.46	0	0.688599	0	0	24.71	9.45	1.225	52.265	82.18	0	0	0
4561	10	9.12672	176.805	0	0.836101	0	0	26.71	10.3	1.275	50.515	81.43	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4563	10	12.58	197.345	0	0.659994	0	0	26.265	12.23	1	50.145	83.28	0	0	0
4564	10	10.2429	182.915	0	1.1034	0	0	27.515	12.23	1.05	46.6993	81.9829	0	0	0
4565	10	8.49	172.095	0	1.38053	0	0	28.465	12.23	1.05	44.065	81.035	0	0	0
4566	10	8.49	182.915	0	1.1034	0	0	27.515	12.23	1.05	45.765	81.535	0	0	0
4567	10	9.42857	182.915	0	1.1034	0	0	27.515	12.23	1.05	46.6993	81.9829	0	0	0
4568	10	14.035	179.895	0	0.797656	0	0	21.92	9.005	1.225	56.17	82.85	0	0	0
4569	10	12.6163	180.5	0	0.981314	0	0	23.02	9.455	1.225	55.22	82.45	0	0	0
4570	10	10.7247	181.305	0	1.2568	0	0	24.47	10.105	1.275	53.92	81.9	0	0	0
4571	10	9.306	181.305	0	1.2568	0	0	24.47	10.105	1.275	53.92	81.9	0	0	0
4572	10	9.306	181.905	0	1.44046	0	0	25.57	10.555	1.275	52.97	81.5	0	0	0
4573	10	10.1489	181.305	0	1.2568	0	0	24.47	10.105	1.275	53.92	81.9	0	0	0
4574	10	13.265	198.73	0	0.543191	0	0	26.635	10.96	1.075	51.775	83.185	0	0	0
4575	10	9.97071	184.185	0	0.976255	0	0	27.935	10.91	1.125	47.8164	81.5093	0	0	0
4576	10	7.5	173.28	0	1.24692	0	0	28.885	10.91	1.125	44.885	80.315	0	0	0
4577	10	7.5	184.185	0	0.976255	0	0	27.935	10.91	1.125	46.535	80.815	0	0	0
4578	10	9.49929	184.185	0	0.976255	0	0	27.935	10.91	1.125	47.8164	81.5093	0	0	0
4579	10	10.5993	184.185	0	0.976255	0	0	27.935	10.91	1.125	47.8164	81.5093	0	0	0
4580	10	8.6	173.28	0	1.24692	0	0	28.885	10.91	1.125	44.885	80.315	0	0	0
4581	10	8.6	184.185	0	0.976255	0	0	27.935	10.91	1.125	46.535	80.815	0	0	0
4582	10	9.785	184.185	0	0.976255	0	0	27.935	10.91	1.125	47.8164	81.5093	0	0	0
4583	10	12.5211	173.14	0	0.724447	0	0	23.17	9.605	1.275	54.47	82.2	0	0	0
4584	10	10.636	179.4	0	1.00596	0	0	24.42	10.155	1.275	53.02	81.55	0	0	0
4585	10	9.22214	184.095	0	1.19364	0	0	25.37	10.555	1.325	51.97	81.05	0	0	0
4586	10	13.935	168.44	0	0.536769	0	0	22.22	9.205	1.275	55.52	82.65	0	0	0
4590	10	9.67714	182.915	0	1.1034	0	0	27.515	12.23	1.05	46.6993	81.9829	0	0	0
4591	10	7.5	172.095	0	1.38053	0	0	28.465	12.23	1.05	44.065	81.035	0	0	0
4592	10	7.5	182.915	0	1.1034	0	0	27.515	12.23	1.05	45.765	81.535	0	0	0
4593	10	9.20571	182.915	0	1.1034	0	0	27.515	12.23	1.05	46.6993	81.9829	0	0	0
4594	10	14.44	223.17	0	1.35317	0	0	23.47	10.145	1.175	55.42	82.72	0	0	0
4595	10	12.208	229.55	0	2.45602	0	0	24.52	10.195	1.175	54.07	81.97	0	0	0
4596	10	9.23195	238.05	0	3.98306	0	0	25.87	10.295	1.225	52.32	81.02	0	0	0
4597	10	12.2155	159.83	0	0.16426	0	0	25.985	10.21	1.175	49.628	83.249	0	0	0
4598	10	10.1495	179.63	0	0.16426	0	0	27.735	10.11	1.275	45.882	81.851	0	0	0
4599	10	8.6	194.48	0	0.16426	0	0	29.035	10.01	1.375	43.135	80.865	0	0	0
4600	10	9.4295	179.63	0	0.16426	0	0	27.735	10.11	1.275	45.882	81.851	0	0	0
4601	10	13.765	144.98	0	0.16426	0	0	24.685	10.31	1.075	52.375	84.235	0	0	0
4602	10	14.235	218.475	0	0.793606	0	0	24.575	9.985	1.175	52.945	82.59	0	0	0
4603	10	12.0003	225.415	0	1.42364	0	0	25.625	10.085	1.175	51.645	81.89	0	0	0
4604	10	9.02069	234.67	0	2.29599	0	0	27.025	10.135	1.175	49.945	80.94	0	0	0
4605	10	11.7645	226.845	0	0.1	0	0	25.6765	8.958	1.166	46.796	82.69	0	0	0
4606	10	8.8705	218.905	0	0.1	0	0	28.8685	8.642	1.354	41.874	81.56	0	0	0
4607	10	6.7	212.95	0	0.1	0	0	31.25	8.38	1.52	38.245	80.775	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4608	10	8.8505	218.905	0	0.1	0	0	28.8685	8.642	1.354	41.874	81.56	0	0	0
4609	10	13.935	232.8	0	0.1	0	0	23.295	9.22	1	50.425	83.475	0	0	0
4610	10	13.765	255.9	0	0.166764	0	0	25.135	10.26	1.175	53.025	83.135	0	0	0
4611	10	11.5657	253.735	0	0.3238	0	0	26.385	10.06	1.225	50.1936	81.7907	0	0	0
4612	10	8.63326	250.845	0	0.480836	0	0	28.035	9.81	1.275	46.335	79.965	0	0	0
4613	10	12.35	197.445	0	0.653209	0	0	26.14	11.805	0.97	50.605	81.83	0	0	0
4614	10	10.11	181.96	0	1.06571	0	0	27.44	11.805	1.02	46.7579	80.6286	0	0	0
4615	10	8.43	170.345	0	1.37508	0	0	28.44	11.755	1.02	43.81	79.74	0	0	0
4616	10	8.43	181.96	0	1.06571	0	0	27.44	11.805	1.02	45.56	80.29	0	0	0
4617	10	9.29571	181.96	0	1.06571	0	0	27.44	11.805	1.02	46.7579	80.6286	0	0	0
4618	10	14.035	171.13	0	3.00199	0	0	23.51	10.3	0.925	54.015	82.23	0	0	0
4619	10	10.9856	159.775	0	3.84363	0	0	24.46	10.5	0.975	52.115	81.88	0	0	0
4620	10	6.91966	144.63	0	5.05189	0	0	25.76	10.8	0.975	49.565	81.38	0	0	0
4621	10	7.81966	144.63	0	5.05189	0	0	25.76	10.8	0.975	49.565	81.38	0	0	0
4622	10	11.93	220.995	0	0.770846	0	0	25.165	12.43	0.95	50.245	83.33	0	0	0
4623	10	13.215	228.28	0	0.434925	0	0	25.685	11.36	0.925	52.425	82.235	0	0	0
4624	10	10.5779	217.91	0	0.70559	0	0	27.435	11.31	1.075	48.8164	80.9593	0	0	0
4625	10	8.6	210.13	0	0.922122	0	0	28.735	11.26	1.175	46.085	80.015	0	0	0
4626	10	12.35	199.895	0	0.601647	0	0	26.09	11.905	0.97	50.705	81.83	0	0	0
4627	10	10.11	183.98	0	1.06571	0	0	27.44	11.855	1.02	46.8079	80.6286	0	0	0
4628	10	8.43	172.045	0	1.37508	0	0	28.39	11.855	1.07	43.86	79.74	0	0	0
4629	10	9.29571	183.98	0	1.06571	0	0	27.44	11.855	1.02	46.8079	80.6286	0	0	0
4630	10	10.235	217.91	0	0.70559	0	0	27.435	11.31	1.075	48.8164	80.9593	0	0	0
4631	10	8	210.13	0	0.922122	0	0	28.735	11.26	1.175	46.085	80.015	0	0	0
4632	10	14.305	276.08	0	0.235181	0	0	23.825	10.575	1.175	53.375	82.415	0	0	0
4633	10	12.0486	272.715	0	0.467703	0	0	25.275	10.375	1.225	51.675	81.715	0	0	0
4634	10	9.04	268.23	0	0.700225	0	0	27.175	10.075	1.275	49.475	80.765	0	0	0
4635	10	12.72	140.295	0	12.0676	0	0	23.145	9.48	1.27	55.205	83.41	0	0	0
4636	10	9.28	167.38	0	0.657289	0	0	25.6993	10.4871	1.27	49.6693	82.3371	0	0	0
4637	10	6.7	187.695	0	0.604338	0	0	27.565	11.205	1.27	45.505	81.545	0	0	0
4638	10	8.05857	167.38	0	0.657289	0	0	25.6993	10.4871	1.27	49.6693	82.3371	0	0	0
4639	10	12.613	181.26	0	0.78742	0	0	23.02	9.505	1.225	55.12	82.45	0	0	0
4640	10	10.717	182.05	0	1.06375	0	0	24.52	10.105	1.275	53.87	81.9	0	0	0
4641	10	9.29499	182.645	0	1.24797	0	0	25.62	10.555	1.275	52.92	81.5	0	0	0
4642	10	14.035	180.67	0	0.6032	0	0	21.92	9.005	1.225	56.07	82.85	0	0	0
4643	10	13.08	162.795	0	0.826272	0	0	26.165	12.43	0.95	50.195	83.98	0	0	0
4644	10	11.1129	153.54	0	0.937125	0	0	27.015	12.48	0.95	47.0607	82.7321	0	0	0
4645	10	8.49	141.195	0	1.04798	0	0	28.065	12.53	0.9	42.865	81.035	0	0	0
4646	10	12.48	220.995	0	0.770846	0	0	25.165	12.43	0.95	50.245	83.33	0	0	0
4647	10	8.49	230.495	0	1.15883	0	0	28.015	11.98	1.05	44.665	81.235	0	0	0
4648	10	12.47	191.195	0	0.749653	0	0	26.005	11.62	0.97	48.175	81.075	0	0	0
4649	10	10.23	176.765	0	1.18842	0	0	27.255	11.62	1.02	45.975	80.375	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4650	10	8.55	165.945	0	1.46265	0	0	28.205	11.62	1.02	44.275	79.875	0	0	0
4651	10	8.55	176.765	0	1.18842	0	0	27.255	11.62	1.02	45.975	80.375	0	0	0
4652	10	9.41571	176.765	0	1.18842	0	0	27.255	11.62	1.02	45.975	80.375	0	0	0
4653	10	13.5	153.515	0	1.43048	0	0	30.635	10.76	0.965	45.775	81.79	0	0	0
4654	10	10.9286	146.015	0	1.13979	0	0	31.585	10.86	0.915	43.375	80.94	0	0	0
4655	10	7.5	136.015	0	0.65529	0	0	32.835	10.91	0.865	40.175	79.89	0	0	0
4656	10	8.1	136.015	0	0.65529	0	0	32.835	10.91	0.865	40.175	79.89	0	0	0
4657	10	12.35	188.545	0	0.756334	0	0	26.24	11.605	0.97	50.355	81.88	0	0	0
4658	10	10.11	174.345	0	1.11727	0	0	27.54	11.555	1.02	46.5579	80.7286	0	0	0
4659	10	8.43	163.695	0	1.42664	0	0	28.49	11.505	1.02	43.71	79.89	0	0	0
4660	10	8.43	174.345	0	1.11727	0	0	27.54	11.555	1.02	45.36	80.39	0	0	0
4661	10	9.29571	174.345	0	1.11727	0	0	27.54	11.555	1.02	46.5579	80.7286	0	0	0
4662	10	11.93	230.495	0	1.15883	0	0	28.015	11.98	1.05	46.845	82.28	0	0	0
4663	10	11.83	139.435	0	0.0665	0	0	22.355	9.185	1.365	54.0325	85.945	0	0	0
4664	10	10.3167	158.055	0	0.150359	0	0	24.205	10.285	1.415	50.3925	84.9417	0	0	0
4665	10	9.18167	172.015	0	0.218408	0	0	25.605	11.135	1.465	47.625	84.1767	0	0	0
4666	10	8.425	172.015	0	0.218408	0	0	25.605	11.135	1.465	46.98	84	0	0	0
4667	10	8.425	181.325	0	0.234004	0	0	26.505	11.685	1.515	45.78	83.7	0	0	0
4668	10	8.82417	172.015	0	0.218408	0	0	25.605	11.135	1.465	47.625	84.1767	0	0	0
4669	10	12.965	125.475	0	0.0576	0	0	20.955	8.335	1.315	56.8	86.71	0	0	0
4670	10	13.21	153.595	0	1.07024	0	0	26.04	12.095	0.95	48.31	83.035	0	0	0
4671	10	11.2664	145.99	0	1.07024	0	0	26.89	12.145	0.95	46.16	82.285	0	0	0
4672	10	8.675	135.845	0	1.13001	0	0	28.04	12.195	0.9	43.26	81.235	0	0	0
4673	10	12.66	220.24	0	1.27123	0	0	25.155	11.205	0.9	51.34	83.05	0	0	0
4674	10	9.71143	178.82	0	1.77261	0	0	28.155	11.4436	1.03	45.9457	80.81	0	0	0
4675	10	7.5	147.755	0	2.23523	0	0	30.38	11.61	1.09	41.9	79.155	0	0	0
4676	10	7.5	158.405	0	1.77261	0	0	29.43	11.66	1.09	43.55	79.655	0	0	0
4677	10	9.24	178.82	0	1.77261	0	0	28.155	11.4436	1.03	45.9457	80.81	0	0	0
4684	10	9.17286	176.765	0	1.18842	0	0	27.255	11.62	1.02	45.975	80.375	0	0	0
4685	10	6.7	165.945	0	1.46265	0	0	28.205	11.62	1.02	44.275	79.875	0	0	0
4686	10	6.7	176.765	0	1.18842	0	0	27.255	11.62	1.02	45.975	80.375	0	0	0
4687	10	8.93	176.765	0	1.18842	0	0	27.255	11.62	1.02	45.975	80.375	0	0	0
4688	10	13.12	343.855	0	0.1	0	0	23.785	7.815	1.365	53.815	86.495	0	0	0
4689	10	11.8015	324.127	0	0.1	0	0	24.6225	8.005	1.3375	52.416	85.765	0	0	0
4690	10	10.0435	297.823	0	0.1	0	0	25.7225	8.225	1.3675	50.534	84.775	0	0	0
4691	10	8.725	278.095	0	0.1	0	0	26.56	8.415	1.34	49.085	84.095	0	0	0
4692	10	13.33	241.795	0	0.992551	0	0	26.315	11.58	1.15	52.095	84.33	0	0	0
4693	10	11.2557	246.125	0	1.71309	0	0	27.215	11.78	1.15	49.6107	83.1321	0	0	0
4694	10	8.49	251.895	0	2.59991	0	0	28.365	11.98	1.15	46.365	81.485	0	0	0
4695	10	13.175	155.025	0	0.080182	0	0	24.56	9.29	1.565	51.47	86.305	0	0	0
4696	10	11.753	166.56	0	0.080182	0	0	25.26	9.34	1.565	50.22	85.655	0	0	0
4697	10	9.857	181.94	0	0.080182	0	0	26.21	9.44	1.565	48.57	84.855	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4698	10	8.435	193.475	0	0.080182	0	0	26.91	9.49	1.615	47.32	84.205	0	0	0
4699	10	14.035	162.605	0	0.50387	0	0	22.67	9.405	1.325	55.62	83.25	0	0	0
4700	10	12.5757	170.47	0	0.693259	0	0	23.52	9.805	1.325	54.47	82.7	0	0	0
4701	10	10.63	180.955	0	0.977344	0	0	24.62	10.305	1.325	52.92	81.95	0	0	0
4702	10	9.17068	188.825	0	1.16673	0	0	25.47	10.655	1.325	51.77	81.4	0	0	0
4703	10	10.0039	180.955	0	0.977344	0	0	24.62	10.305	1.325	52.92	81.95	0	0	0
4704	10	12.4	208.245	0	0.395398	0	0	26.54	12.205	1.12	49.005	82.58	0	0	0
4705	10	10.1314	211.56	0	0.44696	0	0	28.29	11.705	1.12	45.3079	81.0786	0	0	0
4706	10	8.43	214.045	0	0.498522	0	0	29.59	11.355	1.12	42.56	79.94	0	0	0
4707	10	8.43	211.56	0	0.44696	0	0	28.29	11.705	1.12	44.11	80.74	0	0	0
4708	10	9.29571	211.56	0	0.44696	0	0	28.29	11.705	1.12	45.3079	81.0786	0	0	0
4709	10	12.245	213.57	0	1.69157	0	0	24.46	12.515	0.74	49.605	82.15	0	0	0
4710	10	7.5	223.825	0	3.27669	0	0	30.77	12.03	0.92	43.615	80.19	0	0	0
4711	10	8.1	223.825	0	3.27669	0	0	30.77	12.03	0.92	43.615	80.19	0	0	0
4712	10	8.99	230.495	0	1.15883	0	0	28.015	11.98	1.05	44.665	81.235	0	0	0
4713	10	12.71	239.94	0	0.595168	0	0	25.455	11.805	1.05	49.99	83.75	0	0	0
4714	10	9.73286	216.035	0	0.494696	0	0	28.905	11.5936	1.13	44.6957	81.16	0	0	0
4715	10	7.5	198.105	0	0.44187	0	0	31.48	11.46	1.19	40.75	79.205	0	0	0
4716	10	7.5	195.62	0	0.494696	0	0	30.18	11.81	1.19	42.3	80.005	0	0	0
4717	10	9.24	216.035	0	0.494696	0	0	28.905	11.5936	1.13	44.6957	81.16	0	0	0
4718	10	12.58	199.245	0	0.659994	0	0	26.215	12.28	1	50.195	83.28	0	0	0
4719	10	10.2429	184.5	0	1.04798	0	0	27.515	12.28	1.05	46.7493	81.9829	0	0	0
4720	10	8.49	173.445	0	1.38053	0	0	28.465	12.28	1.05	44.115	80.985	0	0	0
4721	10	8.49	184.5	0	1.04798	0	0	27.515	12.28	1.05	45.815	81.535	0	0	0
4722	10	9.42857	184.5	0	1.04798	0	0	27.515	12.28	1.05	46.7493	81.9829	0	0	0
4723	10	14.065	224.98	0	0.2401	0	0	25.935	9.66	1.275	52.925	83.735	0	0	0
4724	10	11.8021	226.585	0	0.2401	0	0	27.335	9.86	1.275	50.0936	82.3407	0	0	0
4725	10	8.785	228.73	0	0.2401	0	0	29.185	10.11	1.325	46.335	80.515	0	0	0
4726	10	11.743	167.18	0	0.079444	0	0	25.155	9.435	1.565	53.039	86.392	0	0	0
4727	10	9.847	182.72	0	0.079444	0	0	26.155	9.485	1.565	49.791	85.168	0	0	0
4728	10	8.425	194.375	0	0.079444	0	0	26.855	9.535	1.615	47.43	84.2	0	0	0
4729	10	13.165	155.525	0	0.079444	0	0	24.455	9.385	1.515	55.45	87.36	0	0	0
4730	10	11.8513	159.775	0	3.84363	0	0	24.46	10.5	0.975	52.115	81.88	0	0	0
4731	10	8.93966	144.63	0	5.05189	0	0	25.76	10.8	0.975	49.565	81.38	0	0	0
4735	10	11.5943	158.7	0	0.354283	0	0	29.8393	10.6793	1.6	51.7364	84.825	0	0	0
4736	10	8.64	183.785	0	0.519085	0	0	32.805	11.495	1.8	45.175	83.075	0	0	0
4740	10	13.32	227.185	0	0.1268	0	0	30.005	10.695	1.6	48.775	84.475	0	0	0
4741	10	11.3143	208.585	0	0.285998	0	0	31.205	11.045	1.65	47.225	83.875	0	0	0
4742	10	11.1057	158.7	0	0.354283	0	0	29.8393	10.6793	1.6	51.7364	84.825	0	0	0
4743	10	7.5	183.785	0	0.519085	0	0	32.805	11.495	1.8	45.175	83.075	0	0	0
4744	10	8.1	183.785	0	0.519085	0	0	32.805	11.495	1.8	45.175	83.075	0	0	0
4745	10	12.1205	206.915	0	0.191004	0	0	23.8595	9.6925	1.415	54.1	85.7125	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4746	10	10.0145	199.235	0	0.09205	0	0	25.5955	9.5625	1.515	50.24	84.8725	0	0	0
4747	10	10.6917	182.829	0	0.407946	0	0	25.835	9.94778	1.58389	52.7922	85.2328	0	0	0
4748	10	9.54167	181.556	0	0.603506	0	0	27.58	10.0811	1.63556	50.4789	84.5361	0	0	0
4749	10	8.775	181.82	0	0.603506	0	0	28.11	9.87	1.67	49.87	84.505	0	0	0
4750	10	8.775	180.71	0	0.702211	0	0	28.71	10.17	1.67	48.92	84.055	0	0	0
4751	10	12.3	140.295	0	0.6034	0	0	24.84	9.405	1.27	54.655	83.98	0	0	0
4752	10	10.58	161.36	0	0.505965	0	0	26.09	10.205	1.27	50.5628	82.8789	0	0	0
4753	10	9.29	177.16	0	0.511271	0	0	26.99	10.805	1.27	47.4811	82.1156	0	0	0
4754	10	8.43	177.16	0	0.511271	0	0	26.99	10.805	1.27	46.86	81.94	0	0	0
4755	10	8.43	187.695	0	0.601647	0	0	27.59	11.205	1.27	45.46	81.54	0	0	0
4756	10	11.8387	138.9	0	0.067232	0	0	22.325	9.14	1.365	51.145	85.155	0	0	0
4757	10	10.3237	157.065	0	0.151672	0	0	24.175	10.24	1.415	48.795	84.555	0	0	0
4758	10	9.1875	170.69	0	0.220053	0	0	25.525	11.04	1.465	46.995	84.055	0	0	0
4759	10	8.43	170.69	0	0.220053	0	0	25.525	11.04	1.465	46.995	84.055	0	0	0
4760	10	8.43	179.775	0	0.287493	0	0	26.425	11.59	1.515	45.795	83.755	0	0	0
4761	10	8.83	170.69	0	0.220053	0	0	25.525	11.04	1.465	46.995	84.055	0	0	0
4762	10	12.975	125.275	0	0.0584	0	0	20.975	8.34	1.315	52.945	85.655	0	0	0
4763	10	10.7194	185.264	0	0.308016	0	0	26.385	8.99778	1.58389	53.1922	84.7828	0	0	0
4764	10	9.55278	201.461	0	0.403568	0	0	28.08	9.28111	1.63556	50.1289	84.2361	0	0	0
4765	10	8.775	201.725	0	0.403568	0	0	28.61	9.07	1.67	49.52	84.205	0	0	0
4766	10	8.775	212.26	0	0.602231	0	0	29.21	9.47	1.67	48.12	83.805	0	0	0
4767	10	11.5387	150.15	0	0.079981	0	0	22.925	13.19	1.465	50.045	87.105	0	0	0
4768	10	10.1571	163.315	0	0.183737	0	0	24.475	12.49	1.465	48.145	85.605	0	0	0
4769	10	9.12083	173.19	0	0.235615	0	0	25.675	11.94	1.515	46.745	84.505	0	0	0
4770	10	8.43	173.19	0	0.235615	0	0	25.675	11.94	1.515	46.745	84.505	0	0	0
4771	10	8.82083	173.19	0	0.235615	0	0	25.675	11.94	1.515	46.745	84.505	0	0	0
4772	10	12.575	140.275	0	0.0584	0	0	21.775	13.69	1.465	51.445	88.205	0	0	0
4773	10	10.8257	208.585	0	0.285998	0	0	31.205	11.045	1.65	47.225	83.875	0	0	0
4774	10	12.2025	138.9	0	0.161816	0	0	20.6413	9.21125	1.365	54.475	85.3763	0	0	0
4775	10	10.5258	157.065	0	0.203075	0	0	23.2396	10.2796	1.415	50.645	84.6779	0	0	0
4776	10	9.26833	170.69	0	0.24099	0	0	25.1508	11.0558	1.465	47.735	84.1042	0	0	0
4777	10	8.43	170.69	0	0.24099	0	0	25.525	11.04	1.465	46.995	84.055	0	0	0
4778	10	8.91084	170.69	0	0.24099	0	0	25.1508	11.0558	1.465	47.735	84.1042	0	0	0
4779	10	11.743	166.825	0	0.079444	0	0	25.355	9.335	1.565	52.789	86.392	0	0	0
4780	10	9.847	182.225	0	0.079444	0	0	26.305	9.385	1.565	49.591	85.168	0	0	0
4781	10	8.425	193.775	0	0.079444	0	0	27.005	9.485	1.615	47.18	84.2	0	0	0
4782	10	13.165	155.275	0	0.079444	0	0	24.655	9.285	1.565	55.2	87.36	0	0	0
4783	10	11.533	229.55	0	2.45602	0	0	24.52	10.195	1.175	54.07	81.97	0	0	0
4784	10	7.65695	238.05	0	3.98306	0	0	25.87	10.295	1.225	52.32	81.02	0	0	0
4785	10	8.25695	238.05	0	3.98306	0	0	25.87	10.295	1.225	52.32	81.02	0	0	0
4789	10	11.3063	150.15	0	0.079981	0	0	22.925	13.19	1.465	50.045	87.105	0	0	0
4790	10	9.61458	163.315	0	0.183737	0	0	24.475	12.49	1.465	48.145	85.605	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4791	10	8.34583	173.19	0	0.235615	0	0	25.675	11.94	1.515	46.745	84.505	0	0	0
4792	10	7.5	173.19	0	0.235615	0	0	25.675	11.94	1.515	46.745	84.505	0	0	0
4793	10	7.5	179.775	0	0.287493	0	0	26.425	11.59	1.515	45.795	83.755	0	0	0
4794	10	8.54583	173.19	0	0.235615	0	0	25.675	11.94	1.515	46.745	84.505	0	0	0
4795	10	13.62	139.885	0	0.1268	0	0	28.955	9.995	1.45	53.975	85.925	0	0	0
4796	10	11.4857	158.7	0	0.229092	0	0	30.605	10.645	1.6	50.225	84.725	0	0	0
4797	10	10.4617	58.54	0	3.08364	0	0	28.18	9.125	1.1	48.6294	86.7172	0	0	0
4798	10	9.25167	61.205	0	3.4564	0	0	28.38	8.925	1.1	47.6628	85.9689	0	0	0
4799	10	8.445	62.985	0	3.6694	0	0	28.53	8.825	1.1	46.985	85.47	0	0	0
4800	10	12.075	54.985	0	2.65764	0	0	27.88	9.325	1.1	49.935	87.715	0	0	0
4801	10	13.15	147.55	0	1.4707	0	0	24.215	10.23	0.785	51.75	84.775	0	0	0
4802	10	10.4564	130.624	0	1.43969	0	0	25.3736	10.7879	0.759286	47.875	83.575	0	0	0
4803	10	6.865	108.05	0	1.49575	0	0	26.935	11.515	0.675	42.675	81.925	0	0	0
4804	10	10.2556	58.54	0	4.15099	0	0	27.1994	9.16945	1.1	49.6211	86.3478	0	0	0
4805	10	8.60222	61.205	0	3.85266	0	0	27.9878	8.94278	1.1	48.0594	85.8211	0	0	0
4806	10	7.5	62.985	0	3.6694	0	0	28.53	8.825	1.1	46.985	85.47	0	0	0
4807	10	8.1	62.985	0	3.6694	0	0	28.53	8.825	1.1	46.985	85.47	0	0	0
4808	10	12.46	54.985	0	4.94746	0	0	26.115	9.405	1.1	51.72	87.05	0	0	0
4812	10	10.6756	58.54	0	4.15099	0	0	27.1994	9.16945	1.1	49.6211	86.3478	0	0	0
4813	10	9.33722	61.205	0	3.85266	0	0	27.9878	8.94278	1.1	48.0594	85.8211	0	0	0
4814	10	13.08	167.845	0	0.71542	0	0	26.065	12.63	0.95	50.445	83.93	0	0	0
4815	10	11.1129	157.665	0	0.881699	0	0	26.865	12.68	0.95	47.2607	82.6321	0	0	0
4816	10	8.49	144.095	0	0.992551	0	0	27.915	12.73	0.9	43.065	80.985	0	0	0
4817	10	13.13	166.945	0	0.770846	0	0	26.265	12.63	0.95	50.595	84.33	0	0	0
4818	10	11.1414	157.045	0	0.881699	0	0	27.065	12.63	0.95	47.4107	83.0821	0	0	0
4819	10	8.49	143.845	0	1.04798	0	0	28.115	12.68	0.9	43.165	81.385	0	0	0
4832	10	11.1739	64.865	0	0.1144	0	0	30.155	9.685	1.2	49.17	82.1	0	0	0
4833	10	9.89056	66.795	0	0.1144	0	0	32.105	9.535	1.25	49.12	81.2	0	0	0
4834	10	9.035	68.085	0	0.1144	0	0	33.405	9.435	1.25	49.02	80.55	0	0	0
4835	10	12.885	62.285	0	0.1144	0	0	27.555	9.885	1.2	49.32	83.3	0	0	0
4836	10	12.195	195.47	0	1.22371	0	0	25.81	12.765	0.74	48.805	82.2	0	0	0
4837	10	8.1	196.725	0	3.10805	0	0	32.47	11.83	0.87	43.115	80.74	0	0	0
4838	10	11.9025	150.15	0	0.124396	0	0	21.2412	13.2612	1.465	53.375	87.3262	0	0	0
4839	10	10.3592	163.315	0	0.229216	0	0	23.5396	12.5296	1.465	49.995	85.7279	0	0	0
4840	10	9.20167	173.19	0	0.255927	0	0	25.3008	11.9558	1.515	47.485	84.5542	0	0	0
4841	10	8.43	173.19	0	0.255927	0	0	25.675	11.94	1.515	46.745	84.505	0	0	0
4842	10	8.90167	173.19	0	0.255927	0	0	25.3008	11.9558	1.515	47.485	84.5542	0	0	0
4843	10	10.5306	72.905	0	0.1034	0	0	31.48	10.025	1.25	47.1294	81.5172	0	0	0
4844	10	9.37222	72.625	0	0.1034	0	0	31.98	10.275	1.25	45.7628	80.9689	0	0	0
4845	10	8.6	72.435	0	0.1034	0	0	32.28	10.425	1.25	44.835	80.62	0	0	0
4846	10	12.075	73.285	0	0.1034	0	0	30.88	9.725	1.25	48.985	82.215	0	0	0
4850	10	7.91667	85.3989	0	4	0	0	21.105	5.88056	0.941111	47.7322	85.4594	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4851	10	7.21667	74.9306	0	6.9	0	0	21.34	6.53222	0.819444	45.4389	85.0478	0	0	0
4852	10	6.75	67.955	0	8.9	0	0	21.53	7	0.755	43.86	84.74	0	0	0
4853	10	13.13	166.345	0	0.770846	0	0	26.265	12.58	0.95	50.595	84.33	0	0	0
4854	10	11.1414	156.575	0	0.937125	0	0	27.065	12.63	0.95	47.4107	83.0821	0	0	0
4855	10	8.49	143.545	0	1.1034	0	0	28.165	12.68	0.9	43.165	81.385	0	0	0
4856	10	11.2572	64.865	0	0.254197	0	0	29.6244	9.71	1.2	50.22	82.1694	0	0	0
4857	10	9.92389	66.795	0	0.146694	0	0	31.8928	9.545	1.25	49.54	81.2278	0	0	0
4858	10	13.27	227.185	0	0.1268	0	0	30.005	10.695	1.6	48.775	84.475	0	0	0
4859	10	11.2857	208.585	0	0.285998	0	0	31.205	11.045	1.65	47.225	83.875	0	0	0
4869	10	12.565	197.015	0	0.8	0	0	26.015	11.41	0.725	52.165	78.31	0	0	0
4870	10	9.67071	187.757	0	1.27547	0	0	28.6264	11.19	0.875	47.635	78.0371	0	0	0
4871	10	7.5	180.81	0	1.7264	0	0	30.61	11.05	0.975	44.225	77.845	0	0	0
4872	10	7.5	188.055	0	1.27547	0	0	29.31	11.1	0.875	45.625	78.095	0	0	0
4882	10	14.7	162	0	0.1	0	0	35.6	0.6	3.4	52.1	93	0	0	0
4883	10	12.5046	153	0	0.1	0	0	36.4	0.7	3.8	50.3	91.5	0	0	0
4890	10	13.47	163.505	0	0.1	0	0	23.685	7.115	1.465	55.115	86.645	0	0	0
4891	10	12.0465	174.812	0	0.1	0	0	24.5725	7.255	1.4875	53.316	85.815	0	0	0
4892	10	10.1485	189.888	0	0.1	0	0	25.7725	7.475	1.5175	50.934	84.775	0	0	0
4893	10	8.725	201.195	0	0.1	0	0	26.66	7.615	1.59	49.135	83.945	0	0	0
4894	10	14.235	221.88	0	0.3174	0	0	24.475	9.635	1.175	52.945	82.59	0	0	0
4895	10	12.0321	210.995	0	0.3174	0	0	25.675	9.585	1.225	51.895	82.44	0	0	0
4896	10	9.095	196.48	0	0.3174	0	0	27.325	9.535	1.325	50.445	82.29	0	0	0
4897	10	10.9286	144.26	0	1.62428	0	0	31.485	10.81	0.965	43.575	80.99	0	0	0
4898	10	7.5	131.915	0	1.81808	0	0	32.535	10.86	0.915	40.625	79.89	0	0	0
4899	10	8.1	131.915	0	1.81808	0	0	32.535	10.86	0.915	40.625	79.89	0	0	0
4903	10	11.5	24	0	5.4	0	0	21.2	5.3	0.5	50.6	89.8	0	0	0
4904	10	8.7	43.3	0	7	0	0	22.9	4.3	0.5	47.5	87.1	0	0	0
4905	10	13.27	134.485	0	0.111183	0	0	28.355	10.295	1.6	52.075	85.675	0	0	0
4906	10	11.2857	151.755	0	0.111183	0	0	29.455	10.395	1.65	50.225	84.775	0	0	0
4907	10	8.64	174.785	0	0.111183	0	0	30.905	10.495	1.7	47.725	83.525	0	0	0
4908	10	14.44	213.63	0	0.419983	0	0	23.02	10.095	1.175	55.12	82.47	0	0	0
4909	10	12.2053	215.07	0	0.674488	0	0	23.97	9.945	1.225	53.67	81.92	0	0	0
4910	10	9.22574	216.99	0	1.09866	0	0	25.22	9.745	1.275	51.77	81.17	0	0	0
4911	10	14.385	183.795	0	0.29526	0	0	23.86	9.9	1.225	53.715	82.63	0	0	0
4912	10	12.1452	187.8	0	0.442762	0	0	24.61	9.8	1.225	52.415	82.13	0	0	0
4913	10	9.15872	193.14	0	0.688599	0	0	25.56	9.65	1.275	50.615	81.48	0	0	0
4920	10	11.3679	147.3	0	0.13821	0	0	28.8714	10.3707	1.65	51.1264	84.9514	0	0	0
4921	10	8.445	188.385	0	0.1034	0	0	28.78	10.575	1.45	52.885	85.52	0	0	0
4922	10	11.3679	188.385	0	0.238426	0	0	27.7714	10.6207	1.45	54.8764	85.6514	0	0	0
4923	10	11.83	327.77	0	0.3	0	0	29.1	8.5	1.6	46.7	83.6	0	0	0
4924	10	9.07	276.8	0	0.8	0	0	32.4	9.3	1.9	42.7	82.1	0	0	0
4925	10	13.225	222.985	0	0.1034	0	0	30.38	10.575	1.55	49.435	85.315	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4926	10	11.2557	203.87	0	0.208091	0	0	31.63	10.925	1.65	47.1564	84.3314	0	0	0
4927	10	8.63	178.385	0	0.474346	0	0	33.28	11.325	1.8	44.185	83.07	0	0	0
4928	10	11.3157	327.77	0	0.3	0	0	29.1	8.5	1.6	46.7	83.6	0	0	0
4929	10	7.87	276.8	0	0.8	0	0	32.4	9.3	1.9	42.7	82.1	0	0	0
4930	10	11.2979	209.045	0	0.3	0	0	30.175	8.355	1.6	46.6	83.885	0	0	0
4931	10	8.495	183.56	0	0.8	0	0	31.825	8.755	1.75	44.6	83.135	0	0	0
4932	10	7.895	183.56	0	0.8	0	0	31.825	8.755	1.75	44.6	83.135	0	0	0
4935	10	13.4	106.5	0	10.1876	0	0	17.99	9.92	0.58	56.6	83.95	0	0	0
4936	10	10.6186	94.0714	0	10.5999	0	0	19.1214	10.6314	0.61	53.3214	83.4571	0	0	0
4937	10	6.91	77.5	0	11.1489	0	0	20.63	11.58	0.65	48.95	82.8	0	0	0
4938	10	12.55	79.97	0	0.1034	0	0	34.16	13.35	1.7	49.07	85.83	0	0	0
4939	10	10.6814	79.97	0	0.1034	0	0	34.16	13.35	1.7	47.6129	85.0629	0	0	0
4940	10	8.19	79.97	0	0.1034	0	0	34.16	13.35	1.7	45.67	84.04	0	0	0
4941	10	7.21667	74.9306	0	6.9	0	0	21.34	6.53222	0.819444	45.4389	85.0478	0	0	0
4942	10	7.22222	104.22	0	6.9	0	0	22.5	6.2	0.9	48	84	0	0	0
4943	10	7.8	242.47	0	0.3	0	0	27.4	8.4	1.5	51.3	83.6	0	0	0
4944	10	13.53	79.97	0	0.519	0	0	30.47	13.51	1.7	52.95	84.52	0	0	0
4945	10	9.17	79.97	0	0.519	0	0	30.47	13.51	1.7	52.95	84.52	0	0	0
4949	10	12.66	104.59	0	0.4859	0	0	25.43	13.76	1.1	50.19	85.36	0	0	0
4950	10	10.7829	104.59	0	0.4859	0	0	25.43	13.76	1.1	48.3214	84.4643	0	0	0
4951	10	8.28	104.59	0	0.4859	0	0	25.43	13.76	1.1	45.83	83.27	0	0	0
4961	10	10.6122	79.97	0	0.1034	0	0	34.16	13.35	1.7	47.5589	85.0344	0	0	0
4962	10	9.15889	79.97	0	0.1034	0	0	34.16	13.35	1.7	46.4256	84.4378	0	0	0
4965	10	12.21	92.29	0	0.609	0	0	25.43	12.51	1.04	45.21	80.89	0	0	0
4966	10	9.90143	92.29	0	0.609	0	0	25.43	12.51	1.04	45.21	80.89	0	0	0
4967	10	8.17	92.29	0	0.609	0	0	25.43	12.51	1.04	45.21	80.89	0	0	0
4968	10	9.51857	92.29	0	0.609	0	0	25.43	12.51	1.04	45.21	80.89	0	0	0
4969	10	7.5	92.29	0	0.609	0	0	25.43	12.51	1.04	45.21	80.89	0	0	0
4976	10	10.1571	104.59	0	0.4859	0	0	25.43	13.76	1.1	47.6986	84.1657	0	0	0
4977	10	12.67	31.6	0	11.7581	0	0	28.02	7.93	1.02	48.01	80.88	0	0	0
4978	10	9.25857	26.52	0	11.7581	0	0	30.9629	7.09571	1.21429	43.49	81.0114	0	0	0
4979	10	6.7	22.71	0	11.7581	0	0	33.17	6.47	1.36	40.1	81.11	0	0	0
4980	10	6.7	22.71	0	11.7581	0	0	33.17	6.47	1.36	40.1	81.11	0	0	0
4981	10	14.03	106.26	0	0.2401	0	0	26.27	11.12	1.25	53.35	85.07	0	0	0
4982	10	11.66	106.26	0	0.2401	0	0	26.27	11.12	1.25	50.7871	83.6814	0	0	0
4983	10	8.5	106.26	0	0.2401	0	0	26.27	11.12	1.25	47.37	81.83	0	0	0
4984	10	12.371	106.26	0	0.2401	0	0	26.27	11.12	1.25	51.556	84.098	0	0	0
4985	10	10.159	106.26	0	0.2401	0	0	26.27	11.12	1.25	49.164	82.802	0	0	0
4986	10	12.188	106.26	0	0.3314	0	0	25	11.18	1.25	49.87	82	0	0	0
4987	10	9.052	106.26	0	0.3314	0	0	25	11.18	1.25	49.87	82	0	0	0
4988	10	6.7	106.26	0	0.3314	0	0	25	11.18	1.25	49.87	82	0	0	0
4989	10	14.54	106.26	0	0.3314	0	0	25	11.18	1.25	49.87	82	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4990	10	12.881	106.26	0	0.3314	0	0	25	11.18	1.25	49.87	82	0	0	0
4991	10	10.669	106.26	0	0.3314	0	0	25	11.18	1.25	49.87	82	0	0	0
4992	10	9.01	106.26	0	0.3314	0	0	25	11.18	1.25	49.87	82	0	0	0
4993	10	14.67	106.26	0	0.3874	0	0	24.52	11.2	1.25	50.83	82.06	0	0	0
4994	10	12.3	106.26	0	0.3874	0	0	24.52	11.2	1.25	50.83	82.06	0	0	0
4995	10	9.14	106.26	0	0.3874	0	0	24.52	11.2	1.25	50.83	82.06	0	0	0
4997	10	15.07	106.26	0	4.1428	0	0	21.94	11.31	1.25	55.94	82.4	0	0	0
4998	10	13.411	106.26	0	4.1428	0	0	21.94	11.31	1.25	55.94	82.4	0	0	0
4999	10	11.199	106.26	0	4.1428	0	0	21.94	11.31	1.25	55.94	82.4	0	0	0
5000	10	9.54	106.26	0	4.1428	0	0	21.94	11.31	1.25	55.94	82.4	0	0	0
5001	10	10.2986	106.26	0	0.2401	0	0	26.27	11.12	1.25	49.9329	83.2186	0	0	0
5002	10	7.5	106.26	0	0.2401	0	0	26.27	11.12	1.25	47.37	81.83	0	0	0
5003	10	10.87	106.26	0	0.2401	0	0	26.27	11.12	1.25	49.9329	83.2186	0	0	0
5004	10	9.71143	104.59	0	0.4859	0	0	25.43	13.76	1.1	47.6986	84.1657	0	0	0
5005	10	7.5	104.59	0	0.4859	0	0	25.43	13.76	1.1	45.83	83.27	0	0	0
5006	10	14.98	106.26	0	1.6506	0	0	22.34	11.29	1.25	55.14	82.34	0	0	0
5007	10	12.61	106.26	0	1.6506	0	0	22.34	11.29	1.25	55.14	82.34	0	0	0
5008	10	9.45	106.26	0	1.6506	0	0	22.34	11.29	1.25	55.14	82.34	0	0	0
5009	10	14.47	106.26	0	0.3174	0	0	25.15	11.17	1.25	49.59	81.98	0	0	0
5010	10	12.1	106.26	0	0.3174	0	0	25.15	11.17	1.25	49.59	81.98	0	0	0
5011	10	8.94	106.26	0	0.3174	0	0	25.15	11.17	1.25	49.59	81.98	0	0	0
5012	10	12.2	92.29	0	0.6034	0	0	25.48	12.51	1.04	50.71	82.46	0	0	0
5013	10	9.89143	92.29	0	0.6034	0	0	25.48	12.51	1.04	47.5157	81.5571	0	0	0
5014	10	8.16	92.29	0	0.6034	0	0	25.48	12.51	1.04	45.12	80.88	0	0	0
5015	10	11.34	106.26	0	0.3874	0	0	24.52	11.2	1.25	50.83	82.06	0	0	0
5016	10	6.9	106.26	0	0.3874	0	0	24.52	11.2	1.25	50.83	82.06	0	0	0
5017	10	14.91	106.26	0	0.701	0	0	23.25	11.25	1.25	53.35	82.23	0	0	0
5018	10	12.54	106.26	0	0.701	0	0	23.25	11.25	1.25	53.35	82.23	0	0	0
5019	10	9.38	106.26	0	0.701	0	0	23.25	11.25	1.25	53.35	82.23	0	0	0
5020	10	13.04	92.29	0	12.0676	0	0	22.09	12.66	1.04	51.81	81.32	0	0	0
5021	10	9.41714	92.29	0	1.02715	0	0	23.9986	12.5743	1.04	48.0386	81.0743	0	0	0
5022	10	6.7	92.29	0	0.609	0	0	25.43	12.51	1.04	45.21	80.89	0	0	0
5024	10	12.44	92.29	0	0.6885	0	0	24.91	12.54	1.04	46.25	80.95	0	0	0
5025	10	10.1314	92.29	0	0.6885	0	0	24.91	12.54	1.04	46.25	80.95	0	0	0
5026	10	8.4	92.29	0	0.6885	0	0	24.91	12.54	1.04	46.25	80.95	0	0	0
5027	10	13.5	86.03	0	11.7581	0	0	34.37	10.42	1.13	41.35	80.98	0	0	0
5028	10	10.9286	86.03	0	11.7581	0	0	34.37	10.42	1.13	41.35	80.98	0	0	0
5029	10	7.5	86.03	0	11.7581	0	0	34.37	10.42	1.13	41.35	80.98	0	0	0
5030	10	11.66	128.55	0	0.0576	0	0	25.31	11.57	1.53	52.765	86.79	0	0	0
5031	10	10.1	128.55	0	0.0576	0	0	25.31	11.57	1.53	50.185	86.0833	0	0	0
5032	10	8.93	128.55	0	0.0576	0	0	25.31	11.57	1.53	48.25	85.5533	0	0	0
5033	10	8.15	128.55	0	0.0576	0	0	25.31	11.57	1.53	46.96	85.2	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5034	10	12.83	128.55	0	0.0576	0	0	25.31	11.57	1.53	54.7	87.32	0	0	0
5035	10	13.02	104.59	0	0.5804	0	0	24.68	13.79	1.1	47.32	83.37	0	0	0
5036	10	11.1471	104.59	0	0.5804	0	0	24.68	13.79	1.1	47.32	83.37	0	0	0
5037	10	8.65	104.59	0	0.5804	0	0	24.68	13.79	1.1	47.32	83.37	0	0	0
5038	10	12.82	155.68	0	11.7581	0	0	23.31	11.71	0.9	52.68	84.8	0	0	0
5042	10	9.16	92.29	0	0.6885	0	0	24.91	12.54	1.04	46.25	80.95	0	0	0
5043	10	6.7	92.29	0	0.6885	0	0	24.91	12.54	1.04	46.25	80.95	0	0	0
5044	10	12.85	128.55	0	0.0587	0	0	25.22	11.58	1.53	47.14	85.21	0	0	0
5045	10	11.446	128.55	0	0.0587	0	0	25.22	11.58	1.53	47.14	85.21	0	0	0
5046	10	9.574	128.55	0	0.0587	0	0	25.22	11.58	1.53	47.14	85.21	0	0	0
5047	10	8.17	128.55	0	0.0587	0	0	25.22	11.58	1.53	47.14	85.21	0	0	0
5048	10	12.19	89.74	0	11.7581	0	0	24.02	13.93	0.68	48.91	83	0	0	0
5049	10	7.5	91.25	0	11.7581	0	0	30.94	13.86	0.84	43.73	81.18	0	0	0
5052	10	11.426	128.55	0	0.0576	0	0	25.31	11.57	1.53	52.378	86.684	0	0	0
5053	10	9.554	128.55	0	0.0576	0	0	25.31	11.57	1.53	49.282	85.836	0	0	0
5054	10	11.2886	79.97	0	0.291465	0	0	31.7786	13.4586	1.7	50.3729	84.35	0	0	0
5055	10	8.58	79.97	0	0.1268	0	0	33.31	13.39	1.7	47.35	84.15	0	0	0
5058	10	12.94	79.97	0	0.1268	0	0	33.31	13.39	1.7	47.35	84.15	0	0	0
5059	10	11.0714	79.97	0	0.1268	0	0	33.31	13.39	1.7	47.35	84.15	0	0	0
5060	10	10.8257	79.97	0	0.291465	0	0	31.7786	13.4586	1.7	50.3729	84.35	0	0	0
5061	10	7.5	79.97	0	0.1268	0	0	33.31	13.39	1.7	47.35	84.15	0	0	0
5062	10	11.971	128.55	0	0.191004	0	0	22.819	11.685	1.53	51.9	85.525	0	0	0
5063	10	9.799	128.55	0	0.08347	0	0	24.191	11.625	1.53	49.18	85.345	0	0	0
5064	10	10.4044	92.29	0	0.6034	0	0	25.48	12.51	1.04	48.2256	81.7578	0	0	0
5065	10	9.05778	92.29	0	0.6034	0	0	25.48	12.51	1.04	46.3622	81.2311	0	0	0
5066	10	11.6775	128.55	0	0.0584	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
5067	10	10.1142	128.55	0	0.0584	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
5068	10	8.94167	128.55	0	0.0584	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
5069	10	8.16	128.55	0	0.0584	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
5070	10	12.85	128.55	0	0.0584	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
5071	10	10.6086	79.97	0	0.1268	0	0	33.31	13.39	1.7	47.35	84.15	0	0	0
5072	10	12.405	128.55	0	0.226491	0	0	21.8825	11.7225	1.53	53.75	85.6525	0	0	0
5073	10	10.5183	128.55	0	0.099342	0	0	23.3792	11.6592	1.53	50.79	85.4558	0	0	0
5074	10	9.10333	128.55	0	0.069923	0	0	24.5017	11.6117	1.53	48.57	85.3083	0	0	0
5075	10	8.16	128.55	0	0.069923	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
5076	10	11.7743	106.26	0	1.6506	0	0	22.34	11.29	1.25	55.14	82.34	0	0	0
5077	10	7.5	106.26	0	1.6506	0	0	22.34	11.29	1.25	55.14	82.34	0	0	0
5081	10	11.5125	128.55	0	0.0584	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
5082	10	9.72917	128.55	0	0.0584	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
5083	10	8.39167	128.55	0	0.0584	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
5084	10	7.5	128.55	0	0.0584	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
5085	10	10.3414	73.8571	0	3.0684	0	0	21.6471	11.0757	0.718571	50.75	85.95	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5086	10	6.93	49	0	1.3684	0	0	22.47	12.43	0.65	46.15	84.75	0	0	0
5087	10	10.7333	79.97	0	0.230091	0	0	32.1989	13.4389	1.7	49.5422	84.2956	0	0	0
5088	10	8.79333	79.97	0	0.132637	0	0	33.3756	13.3856	1.7	47.2189	84.1422	0	0	0
5089	10	7.5	79.97	0	0.1034	0	0	34.16	13.35	1.7	45.67	84.04	0	0	0
5090	10	12.66	88.97	0	2.07	0	0	28.23	13.76	0.81	50.19	85.36	0	0	0
5091	10	10.4486	88.97	0	2.07	0	0	28.23	13.76	0.81	48.3214	84.4643	0	0	0
5092	10	7.5	88.97	0	2.07	0	0	28.23	13.76	0.81	45.83	83.27	0	0	0
5093	10	11.04	79.97	0	0.230091	0	0	32.1989	13.4389	1.7	49.5422	84.2956	0	0	0
5094	10	9.33	79.97	0	0.132637	0	0	33.3756	13.3856	1.7	47.2189	84.1422	0	0	0
5095	10	13.5	88.97	0	2.07	0	0	28.23	13.76	0.81	50.19	85.36	0	0	0
5096	10	10.7829	88.97	0	2.07	0	0	28.23	13.76	0.81	48.3214	84.4643	0	0	0
5097	10	9	88.97	0	2.07	0	0	28.23	13.76	0.81	45.83	83.27	0	0	0
5101	10	10.8322	79.97	0	0.1144	0	0	33.71	13.37	1.7	46.54	84.1	0	0	0
5102	10	9.37889	79.97	0	0.1144	0	0	33.71	13.37	1.7	46.54	84.1	0	0	0
5103	10	8.41	79.97	0	0.1144	0	0	33.71	13.37	1.7	46.54	84.1	0	0	0
5104	10	12.77	79.97	0	0.1144	0	0	33.71	13.37	1.7	46.54	84.1	0	0	0
5105	10	10.9989	79.97	0	0.254197	0	0	32.6489	13.42	1.7	48.64	84.2389	0	0	0
5106	10	9.44556	79.97	0	0.146694	0	0	33.2856	13.39	1.7	47.38	84.1556	0	0	0
5128	10	11.1214	79.97	0	0.238426	0	0	32.1429	13.4414	1.7	49.6529	84.3029	0	0	0
5131	10	13.4116	87.375	0	10.1876	0	0	18.2602	10.4371	0.641251	56.7927	85.3712	0	0	0
5132	10	10.63	78.0536	0	10.5999	0	0	19.2302	10.7766	0.650356	53.5638	84.9488	0	0	0
5133	10	6.92123	65.625	0	11.1489	0	0	20.5235	11.2293	0.662497	49.2586	84.3855	0	0	0
5134	10	12.8286	67.4775	0	0.1034	0	0	33.1996	13.35	1.7	50.1783	86.858	0	0	0
5135	10	10.933	67.4775	0	0.1034	0	0	33.1899	13.35	1.71071	48.9188	86.1096	0	0	0
5136	10	8.40571	67.4775	0	0.1034	0	0	33.1769	13.35	1.725	47.2394	85.1116	0	0	0
5138	10	8.11162	87.1875	0	6.9	0	0	21.1316	7.53327	0.656251	47.226	86.3122	0	0	0
5139	10	7.71886	79.4571	0	6.9	0	0	22.1261	6.97823	0.658927	49.0026	85.4141	0	0	0
5140	10	8.11162	62.7	0	6.9	0	0	21.1316	7.53327	0.723751	47.226	86.3122	0	0	0
5141	10	7.71886	63.5646	0	6.9	0	0	22.1261	6.97823	0.716785	49.0026	85.4141	0	0	0
5142	10	8.11162	114.75	0	6.9	0	0	21.1316	7.53327	0.723751	47.226	86.3122	0	0	0
5143	10	7.71886	100.446	0	6.9	0	0	22.1261	6.97823	0.739285	49.0026	85.4141	0	0	0
5144	10	7.8	138.525	0	0.3	0	0	26.4799	8.4	1.1975	52.6405	84.6696	0	0	0
5145	10	13.3829	67.4775	0	0.519	0	0	29.8884	13.51	1.4	53.1655	85.548	0	0	0
5146	10	9.24571	67.4775	0	0.519	0	0	29.8658	13.51	1.4	53.2574	85.5916	0	0	0
5150	10	12.88	85.9425	0	0.4859	0	0	25.4631	13.76	1.05	50.1609	86.3806	0	0	0
5151	10	10.9343	85.9425	0	0.4859	0	0	25.4631	13.76	1.06071	48.2923	85.5035	0	0	0
5152	10	8.34	85.9425	0	0.4859	0	0	25.4631	13.76	1.075	45.8009	84.3341	0	0	0
5162	10	10.6803	67.4775	0	0.1034	0	0	33.1895	13.35	1.46111	48.8721	86.0818	0	0	0
5163	10	9.31556	67.4775	0	0.1034	0	0	33.182	13.35	1.46944	47.8925	85.4997	0	0	0
5164	10	8.40571	67.4775	0	0.1034	0	0	33.1769	13.35	1.475	47.2394	85.1116	0	0	0
5165	10	12.5	67.4775	0	0.1034	0	0	33.1996	13.35	1.45	50.1783	86.858	0	0	0
5168	10	12.2371	76.7175	0	0.609	0	0	25.4814	12.51	1.155	45.1574	81.9062	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5169	10	9.95633	76.7175	0	0.609	0	0	25.4814	12.51	1.155	45.1549	81.9311	0	0	0
5170	10	8.24571	76.7175	0	0.609	0	0	25.4814	12.51	1.155	45.1531	81.9498	0	0	0
5171	10	12.38	76.7175	0	0.609	0	0	24.5133	12.51	0.93	46.2724	81.9062	0	0	0
5172	10	9.67306	76.7175	0	0.609	0	0	24.5003	12.51	1.00143	46.5335	81.9311	0	0	0
5173	10	7.64286	76.7175	0	0.609	0	0	24.4906	12.51	1.055	46.7293	81.9498	0	0	0
5180	10	12.6371	85.9425	0	0.4859	0	0	25.4631	13.76	1.05	50.1609	86.3806	0	0	0
5181	10	10.1816	85.9425	0	0.4859	0	0	25.4631	13.76	1.06429	47.6695	85.2112	0	0	0
5182	10	12.7457	31.2	0	11.7581	0	0	27.0962	7.93	0.94	49.086	81.8973	0	0	0
5183	10	9.37265	27.39	0	11.7581	0	0	30.0351	7.09571	1.1	44.8216	82.0509	0	0	0
5184	10	6.84286	24.5325	0	11.7581	0	0	32.2393	6.47	1.22	41.6233	82.1663	0	0	0
5185	10	6.84286	24.5325	0	11.7581	0	0	32.2393	6.47	1.22	41.6233	82.1663	0	0	0
5186	10	12.78	85.9425	0	0.4859	0	0	24.495	13.76	1.05	51.2759	86.3806	0	0	0
5187	10	10.3245	85.9425	0	0.4859	0	0	24.482	13.76	1.06429	49.048	85.2112	0	0	0
5188	10	8.48286	85.9425	0	0.4859	0	0	24.4723	13.76	1.075	47.3771	84.3341	0	0	0
5189	10	12.7886	31.2	0	11.7581	0	0	27.0962	7.93	0.99	49.086	81.8973	0	0	0
5190	10	9.39102	27.39	0	11.7581	0	0	30.0351	7.09571	1.15	44.8216	82.0509	0	0	0
5191	10	6.84286	24.5325	0	11.7581	0	0	32.2393	6.47	1.27	41.6233	82.1663	0	0	0
5192	10	6.84286	24.5325	0	11.7581	0	0	32.2393	6.47	1.27	41.6233	82.1663	0	0	0
5193	10	12.38	76.7175	0	0.609	0	0	24.5133	12.51	1.155	46.2724	81.9062	0	0	0
5194	10	10.0992	76.7175	0	0.609	0	0	24.5003	12.51	1.155	46.5335	81.9311	0	0	0
5195	10	8.38857	76.7175	0	0.609	0	0	24.4906	12.51	1.155	46.7293	81.9498	0	0	0
5196	10	9.38082	27.39	0	11.7581	0	0	30.0351	7.09571	1.1	44.8216	82.0509	0	0	0
5197	10	6.85714	24.5325	0	11.7581	0	0	32.2393	6.47	1.22	41.6233	82.1663	0	0	0
5198	10	6.85714	24.5325	0	11.7581	0	0	32.2393	6.47	1.22	41.6233	82.1663	0	0	0
5199	10	14.14	87.195	0	0.2401	0	0	25.3191	11.12	1.2375	54.4499	86.0952	0	0	0
5200	10	11.7963	87.195	0	0.2401	0	0	25.3094	11.12	1.2375	52.0846	84.7253	0	0	0
5201	10	8.67143	87.195	0	0.2401	0	0	25.2965	11.12	1.2375	48.931	82.8988	0	0	0
5202	10	12.3994	87.195	0	0.2401	0	0	25.3123	11.12	1.305	52.7942	85.1363	0	0	0
5203	10	10.2691	87.195	0	0.2401	0	0	25.3033	11.12	1.295	50.5867	83.8577	0	0	0
5204	10	8.67143	87.195	0	0.2401	0	0	25.2965	11.12	1.2875	48.931	82.8988	0	0	0
5205	10	13.9971	87.195	0	0.2401	0	0	25.3191	11.12	1.3125	54.4499	86.0952	0	0	0
5206	10	12.1769	87.195	0	0.3314	0	0	24.1435	11.18	1.305	50.763	83.0383	0	0	0
5207	10	9.12886	87.195	0	0.3314	0	0	24.1344	11.18	1.295	50.8967	83.0557	0	0	0
5208	10	6.84286	87.195	0	0.3314	0	0	24.1276	11.18	1.2875	50.9969	83.0688	0	0	0
5209	10	14.4629	87.195	0	0.3314	0	0	24.1503	11.18	1.3125	50.6628	83.0252	0	0	0
5210	10	12.8566	87.195	0	0.3314	0	0	24.1435	11.18	1.305	50.763	83.0383	0	0	0
5211	10	10.7149	87.195	0	0.3314	0	0	24.1344	11.18	1.295	50.8967	83.0557	0	0	0
5212	10	9.10857	87.195	0	0.3314	0	0	24.1276	11.18	1.2875	50.9969	83.0688	0	0	0
5213	10	14.5743	87.195	0	0.3874	0	0	23.7076	11.2	1.2125	51.5058	83.0852	0	0	0
5214	10	12.2796	87.195	0	0.3874	0	0	23.6979	11.2	1.23393	51.6283	83.1039	0	0	0
5215	10	9.22	87.195	0	0.3874	0	0	23.685	11.2	1.2625	51.7916	83.1288	0	0	0
5217	10	14.9171	87.195	0	4.1428	0	0	21.3151	11.31	1.2375	55.9895	83.4252	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5218	10	13.3109	87.195	0	4.1428	0	0	21.3083	11.31	1.245	55.9975	83.4383	0	0	0
5219	10	11.1691	87.195	0	4.1428	0	0	21.2992	11.31	1.255	56.0082	83.4557	0	0	0
5220	10	9.56286	87.195	0	4.1428	0	0	21.2924	11.31	1.2625	56.0163	83.4688	0	0	0
5221	10	13.9543	87.195	0	0.2401	0	0	25.3191	11.12	1.1625	54.4499	86.0952	0	0	0
5222	10	10.3478	87.195	0	0.2401	0	0	25.3062	11.12	1.17679	51.2963	84.2687	0	0	0
5223	10	7.64286	87.195	0	0.2401	0	0	25.2965	11.12	1.1875	48.931	82.8988	0	0	0
5224	10	10.9355	87.195	0	0.2401	0	0	25.3062	11.12	1.17679	51.2963	84.2687	0	0	0
5225	10	8.67143	87.195	0	0.2401	0	0	25.2965	11.12	1.1875	48.931	82.8988	0	0	0
5226	10	13.2909	87.195	0	4.1428	0	0	21.3083	11.31	1.27	55.9975	83.4383	0	0	0
5227	10	11.1606	87.195	0	4.1428	0	0	21.2992	11.31	1.28	56.0082	83.4557	0	0	0
5228	10	9.56286	87.195	0	4.1428	0	0	21.2924	11.31	1.2875	56.0163	83.4688	0	0	0
5229	10	14.8886	87.195	0	4.1428	0	0	21.3151	11.31	1.2625	55.9895	83.4252	0	0	0
5230	10	9.70163	85.9425	0	0.4859	0	0	25.4631	13.76	1.06429	47.6695	85.2112	0	0	0
5231	10	7.5	85.9425	0	0.4859	0	0	25.4631	13.76	1.075	45.8009	84.3341	0	0	0
5232	10	14.9686	87.195	0	1.6506	0	0	21.6873	11.29	1.2125	55.2871	83.3652	0	0	0
5233	10	12.6188	87.195	0	1.6506	0	0	21.6776	11.29	1.22321	55.3158	83.3839	0	0	0
5234	10	9.48571	87.195	0	1.6506	0	0	21.6647	11.29	1.2375	55.3542	83.4088	0	0	0
5235	10	12.4694	87.195	0	0.2401	0	0	25.3123	11.12	1.2075	52.7942	85.1363	0	0	0
5236	10	10.2991	87.195	0	0.2401	0	0	25.3033	11.12	1.2675	50.5867	83.8577	0	0	0
5237	10	8.67143	87.195	0	0.2401	0	0	25.2965	11.12	1.3125	48.931	82.8988	0	0	0
5238	10	14.0971	87.195	0	0.2401	0	0	25.3191	11.12	1.1625	54.4499	86.0952	0	0	0
5239	10	14.5457	87.195	0	0.3174	0	0	24.2889	11.17	1.2125	50.4181	83.0052	0	0	0
5240	10	12.1898	87.195	0	0.3174	0	0	24.2792	11.17	1.2125	50.5676	83.0239	0	0	0
5241	10	9.04857	87.195	0	0.3174	0	0	24.2662	11.17	1.2125	50.7669	83.0488	0	0	0
5242	10	13.2909	87.195	0	4.1428	0	0	21.3083	11.31	1.295	55.9975	83.4383	0	0	0
5243	10	11.1606	87.195	0	4.1428	0	0	21.2992	11.31	1.305	56.0082	83.4557	0	0	0
5244	10	9.56286	87.195	0	4.1428	0	0	21.2924	11.31	1.3125	56.0163	83.4688	0	0	0
5245	10	14.8886	87.195	0	4.1428	0	0	21.3151	11.31	1.2875	55.9895	83.4252	0	0	0
5246	10	9.77714	87.195	0	0.4859	0	0	25.0072	10.43	1.2125	50.908	83.3604	0	0	0
5247	10	9.48327	87.195	0	1.15883	0	0	27.0897	11.5613	1.23393	45.8491	82.1728	0	0	0
5248	10	12.3857	76.7175	0	0.6034	0	0	24.5599	12.51	1.005	51.7828	83.4762	0	0	0
5249	10	10.0967	76.7175	0	0.6034	0	0	24.547	12.51	1.01929	48.852	82.5982	0	0	0
5250	10	8.38	76.7175	0	0.6034	0	0	24.5373	12.51	1.03	46.6539	81.9398	0	0	0
5251	10	14.6314	87.195	0	0.3874	0	0	23.7076	11.2	1.0875	51.5058	83.0852	0	0	0
5252	10	11.3792	87.195	0	0.3874	0	0	23.6979	11.2	1.09821	51.6283	83.1039	0	0	0
5253	10	7.04286	87.195	0	0.3874	0	0	23.685	11.2	1.1125	51.7916	83.1288	0	0	0
5254	10	12.4514	85.9425	0	0.4859	0	0	25.2757	13.18	1.03818	50.0603	84.7553	0	0	0
5255	10	13.94	87.195	0	0.2401	0	0	25.3191	11.12	1.0875	54.4499	86.0952	0	0	0
5256	10	10.9294	87.195	0	0.2401	0	0	25.3062	11.12	1.15893	51.2963	84.2687	0	0	0
5257	10	8.67143	87.195	0	0.2401	0	0	25.2965	11.12	1.2125	48.931	82.8988	0	0	0
5258	10	12.2429	76.7175	0	0.6034	0	0	25.528	12.51	1.005	50.6677	83.4762	0	0	0
5259	10	9.95388	76.7175	0	0.6034	0	0	25.528	12.51	1.03357	47.4734	82.5982	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5260	10	8.23714	76.7175	0	0.6034	0	0	25.528	12.51	1.055	45.0777	81.9398	0	0	0
5261	10	10.8314	87.195	0	0.2401	0	0	25.3062	11.12	1.15893	51.2963	84.2687	0	0	0
5262	10	8.5	87.195	0	0.2401	0	0	25.2965	11.12	1.2125	48.931	82.8988	0	0	0
5263	10	14.88	87.195	0	0.701	0	0	22.5329	11.25	1.2125	53.7167	83.2552	0	0	0
5264	10	12.5424	87.195	0	0.701	0	0	22.5232	11.25	1.23393	53.7844	83.2739	0	0	0
5265	10	9.42571	87.195	0	0.701	0	0	22.5102	11.25	1.2625	53.8747	83.2988	0	0	0
5266	10	13.0914	76.7175	0	12.0676	0	0	21.4204	12.66	1.155	52.0628	82.3362	0	0	0
5267	10	9.52082	76.7175	0	1.02715	0	0	23.1748	12.5743	1.155	49.0151	82.1154	0	0	0
5268	10	6.84286	76.7175	0	0.609	0	0	24.4906	12.51	1.155	46.7293	81.9498	0	0	0
5269	10	13.3109	87.195	0	4.1428	0	0	21.3083	11.31	1.27	55.9975	83.4383	0	0	0
5270	10	11.1691	87.195	0	4.1428	0	0	21.2992	11.31	1.28	56.0082	83.4557	0	0	0
5271	10	14.9171	87.195	0	4.1428	0	0	21.3151	11.31	1.2625	55.9895	83.4252	0	0	0
5273	10	12.9229	85.9425	0	0.4859	0	0	24.495	13.76	1.025	51.2759	86.3806	0	0	0
5274	10	11.02	85.9425	0	0.4859	0	0	24.4853	13.76	1.01429	49.6049	85.5035	0	0	0
5275	10	8.48286	85.9425	0	0.4859	0	0	24.4723	13.76	1	47.3771	84.3341	0	0	0
5276	10	12.7514	85.9425	0	0.4859	0	0	24.495	13.76	1.025	51.2759	86.3806	0	0	0
5277	10	12.5914	76.7175	0	0.6885	0	0	24.0344	12.54	1.005	47.185	81.9662	0	0	0
5278	10	10.3024	76.7175	0	0.6885	0	0	24.0215	12.54	1.01929	47.4159	81.9911	0	0	0
5279	10	8.58571	76.7175	0	0.6885	0	0	24.0118	12.54	1.03	47.5891	82.0098	0	0	0
5280	10	13.6429	72.0225	0	11.7581	0	0	33.4962	10.42	1.0475	42.297	82.0009	0	0	0
5281	10	11.0715	72.0225	0	11.7581	0	0	33.4865	10.42	1.02607	42.4698	82.0196	0	0	0
5282	10	7.64286	72.0225	0	11.7581	0	0	33.4735	10.42	0.9975	42.7003	82.0445	0	0	0
5283	10	12.78	85.9425	0	0.4859	0	0	25.4631	13.76	1.025	50.1609	86.3806	0	0	0
5284	10	10.8772	85.9425	0	0.4859	0	0	25.4631	13.76	1.01429	48.2923	85.5035	0	0	0
5285	10	8.34	85.9425	0	0.4859	0	0	25.4631	13.76	1	45.8009	84.3341	0	0	0
5286	10	12.4514	85.9425	0	0.4859	0	0	26.2311	12.9514	1.11982	49.154	84.4532	0	0	0
5287	10	11.8514	103.913	0	0.0576	0	0	24.3408	11.57	1.4725	53.9913	87.8298	0	0	0
5288	10	10.3048	103.913	0	0.0576	0	0	24.3333	11.57	1.50583	51.565	87.1376	0	0	0
5289	10	9.14476	103.913	0	0.0576	0	0	24.3276	11.57	1.53083	49.7453	86.6185	0	0	0
5290	10	8.37143	103.913	0	0.0576	0	0	24.3238	11.57	1.5475	48.5322	86.2725	0	0	0
5291	10	13.0114	103.913	0	0.0576	0	0	24.3465	11.57	1.4475	55.811	88.3489	0	0	0
5292	10	10.0967	76.7175	0	0.6034	0	0	24.547	12.51	1.03357	48.852	82.5982	0	0	0
5293	10	8.38	76.7175	0	0.6034	0	0	24.5373	12.51	1.055	46.6539	81.9398	0	0	0
5294	10	13.0743	85.9425	0	0.5804	0	0	24.7715	13.79	1.025	47.1092	84.3906	0	0	0
5295	10	11.1812	85.9425	0	0.5804	0	0	24.7715	13.79	1.01429	47.077	84.4092	0	0	0
5296	10	8.65714	85.9425	0	0.5804	0	0	24.7715	13.79	1	47.0341	84.4341	0	0	0
5297	10	12.9171	124.26	0	11.7581	0	0	22.3771	11.71	0.9	53.764	85.8199	0	0	0
5301	10	13.2171	85.9425	0	0.5804	0	0	23.8034	13.79	1.025	48.2243	84.3906	0	0	0
5302	10	11.324	85.9425	0	0.5804	0	0	23.7937	13.79	1.01429	48.3897	84.4092	0	0	0
5303	10	8.8	85.9425	0	0.5804	0	0	23.7807	13.79	1	48.6103	84.4341	0	0	0
5304	10	9.30653	76.7175	0	0.6885	0	0	24.0215	12.54	1.01929	47.4159	81.9911	0	0	0
5305	10	6.84286	76.7175	0	0.6885	0	0	24.0118	12.54	1.03	47.5891	82.0098	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5306	10	12.9943	85.9425	0	0.4859	0	0	24.495	13.76	1.125	51.2759	86.3806	0	0	0
5307	10	11.0609	85.9425	0	0.4859	0	0	24.4853	13.76	1.125	49.6049	85.5035	0	0	0
5308	10	8.48286	85.9425	0	0.4859	0	0	24.4723	13.76	1.125	47.3771	84.3341	0	0	0
5309	10	12.9429	103.913	0	0.0587	0	0	25.2317	11.58	1.5725	47.114	86.2389	0	0	0
5310	10	11.5337	103.913	0	0.0587	0	0	25.2317	11.58	1.58	47.1113	86.252	0	0	0
5311	10	9.65486	103.913	0	0.0587	0	0	25.2317	11.58	1.59	47.1076	86.2694	0	0	0
5312	10	8.24571	103.913	0	0.0587	0	0	25.2317	11.58	1.5975	47.1049	86.2825	0	0	0
5313	10	14.9171	87.195	0	4.1428	0	0	21.3151	11.31	1.3125	55.9895	83.4252	0	0	0
5314	10	13.3109	87.195	0	4.1428	0	0	21.3083	11.31	1.3125	55.9975	83.4383	0	0	0
5315	10	11.1691	87.195	0	4.1428	0	0	21.2992	11.31	1.3125	56.0082	83.4557	0	0	0
5316	10	12.4	76.7175	0	0.6034	0	0	24.5599	12.51	1.08	51.7828	83.4762	0	0	0
5317	10	10.1029	76.7175	0	0.6034	0	0	24.547	12.51	1.08	48.852	82.5982	0	0	0
5318	10	8.38	76.7175	0	0.6034	0	0	24.5373	12.51	1.08	46.6539	81.9398	0	0	0
5319	10	12.3486	74.805	0	11.7581	0	0	23.1203	13.93	0.71	49.9648	84.0102	0	0	0
5320	10	7.64286	75.9375	0	11.7581	0	0	30.1343	13.86	0.88	45.1432	82.1996	0	0	0
5323	10	8.48286	85.9425	0	0.4859	0	0	26.2311	12.9514	1.11982	45.4169	82.6618	0	0	0
5324	10	12.9314	124.26	0	11.7581	0	0	22.3771	11.71	0.975	53.764	85.8199	0	0	0
5325	10	10.202	87.195	0	0.3	0	0	26.4799	8.4	1.2875	52.6405	84.6696	0	0	0
5326	10	11.6594	103.913	0	0.0576	0	0	24.3397	11.57	1.58	53.6273	87.726	0	0	0
5327	10	9.78057	103.913	0	0.0576	0	0	24.3306	11.57	1.59	50.7158	86.8954	0	0	0
5328	10	8.37143	103.913	0	0.0576	0	0	24.3238	11.57	1.5975	48.5322	86.2725	0	0	0
5329	10	13.0686	103.913	0	0.0576	0	0	24.3465	11.57	1.5725	55.811	88.3489	0	0	0
5330	10	12.3122	87.195	0	0.3874	0	0	23.6979	11.2	1.09821	51.6283	83.1039	0	0	0
5331	10	9.22	87.195	0	0.3874	0	0	23.685	11.2	1.1125	51.7916	83.1288	0	0	0
5332	10	11.5188	67.4775	0	0.291465	0	0	31.0543	13.4586	1.65	51.066	85.3967	0	0	0
5333	10	8.74	67.4775	0	0.1268	0	0	32.4163	13.39	1.75	48.6289	85.2216	0	0	0
5336	10	13.1914	67.4775	0	0.1268	0	0	32.4389	13.39	1.675	48.2528	85.178	0	0	0
5337	10	11.2836	67.4775	0	0.1268	0	0	32.4292	13.39	1.71786	48.414	85.1967	0	0	0
5338	10	8.74	67.4775	0	0.1268	0	0	32.4163	13.39	1.775	48.6289	85.2216	0	0	0
5339	10	11.0486	67.4775	0	0.291465	0	0	31.0543	13.4586	1.65	51.066	85.3967	0	0	0
5340	10	7.64286	67.4775	0	0.1268	0	0	32.4163	13.39	1.75	48.6289	85.2216	0	0	0
5341	10	13.1914	67.4775	0	0.1268	0	0	32.4389	13.39	1.65	48.2528	85.178	0	0	0
5342	10	11.2836	67.4775	0	0.1268	0	0	32.4292	13.39	1.69286	48.414	85.1967	0	0	0
5343	10	12.1566	103.913	0	0.191004	0	0	22.0317	11.685	1.51	52.5419	86.567	0	0	0
5344	10	10.0034	103.913	0	0.08347	0	0	23.2941	11.625	1.56	50.3357	86.4044	0	0	0
5345	10	8.38857	103.913	0	0.0587	0	0	24.241	11.58	1.5975	48.6811	86.2825	0	0	0
5346	10	12.3714	76.7175	0	0.6034	0	0	24.5599	12.51	1.18	51.7828	83.4762	0	0	0
5347	10	10.5974	76.7175	0	0.6034	0	0	24.5498	12.51	1.18	49.5033	82.7934	0	0	0
5348	10	9.26698	76.7175	0	0.6034	0	0	24.5423	12.51	1.18	47.7937	82.2812	0	0	0
5349	10	8.38	76.7175	0	0.6034	0	0	24.5373	12.51	1.18	46.6539	81.9398	0	0	0
5350	10	11.8664	103.913	0	0.0584	0	0	24.286	11.58	1.4725	48.2987	86.2498	0	0	0
5351	10	10.3169	103.913	0	0.0584	0	0	24.2784	11.58	1.50583	48.4502	86.2643	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5352	10	9.15476	103.913	0	0.0584	0	0	24.2728	11.58	1.53083	48.5639	86.2752	0	0	0
5353	10	8.38	103.913	0	0.0584	0	0	24.269	11.58	1.5475	48.6396	86.2825	0	0	0
5354	10	13.0286	103.913	0	0.0584	0	0	24.2916	11.58	1.4475	48.185	86.2389	0	0	0
5355	10	11.6379	103.913	0	0.0584	0	0	25.2598	11.58	1.52875	47.0684	86.2498	0	0	0
5356	10	10.1265	103.913	0	0.0584	0	0	25.2598	11.58	1.53708	47.0662	86.2643	0	0	0
5357	10	8.99286	103.913	0	0.0584	0	0	25.2598	11.58	1.54333	47.0645	86.2752	0	0	0
5358	10	8.23714	103.913	0	0.0584	0	0	25.2598	11.58	1.5475	47.0634	86.2825	0	0	0
5359	10	12.7714	103.913	0	0.0584	0	0	25.2598	11.58	1.5225	47.07	86.2389	0	0	0
5360	10	10.8135	67.4775	0	0.1268	0	0	32.4292	13.39	1.69286	48.414	85.1967	0	0	0
5361	10	12.49	103.913	0	0.226491	0	0	21.159	11.7225	1.4725	54.1427	86.6923	0	0	0
5362	10	10.6633	103.913	0	0.099342	0	0	22.5413	11.6592	1.50583	51.6969	86.5101	0	0	0
5363	10	9.29333	103.913	0	0.069923	0	0	23.5779	11.6117	1.53083	49.8625	86.3735	0	0	0
5364	10	8.38	103.913	0	0.069923	0	0	24.269	11.58	1.5475	48.6396	86.2825	0	0	0
5365	10	11.7807	103.913	0	0.0584	0	0	24.286	11.58	1.52875	48.2987	86.2498	0	0	0
5366	10	10.2693	103.913	0	0.0584	0	0	24.2784	11.58	1.53708	48.4502	86.2643	0	0	0
5367	10	9.13572	103.913	0	0.0584	0	0	24.2728	11.58	1.54333	48.5639	86.2752	0	0	0
5368	10	12.9143	103.913	0	0.0584	0	0	24.2916	11.58	1.5225	48.185	86.2389	0	0	0
5369	10	11.829	87.195	0	1.6506	0	0	21.6776	11.29	1.22321	55.3158	83.3839	0	0	0
5370	10	7.64286	87.195	0	1.6506	0	0	21.6647	11.29	1.2375	55.3542	83.4088	0	0	0
5374	10	11.5964	103.913	0	0.0584	0	0	24.286	11.58	1.52875	48.2987	86.2498	0	0	0
5375	10	9.83929	103.913	0	0.0584	0	0	24.2784	11.58	1.53708	48.4502	86.2643	0	0	0
5376	10	8.52143	103.913	0	0.0584	0	0	24.2728	11.58	1.54333	48.5639	86.2752	0	0	0
5377	10	7.64286	103.913	0	0.0584	0	0	24.269	11.58	1.5475	48.6396	86.2825	0	0	0
5378	10	13.2771	67.4775	0	0.1268	0	0	32.4389	13.39	1.575	48.2528	85.178	0	0	0
5379	10	11.3326	67.4775	0	0.1268	0	0	32.4292	13.39	1.65	48.414	85.1967	0	0	0
5380	10	10.712	67.4775	0	0.1034	0	0	33.1895	13.35	1.41111	48.8721	86.0818	0	0	0
5381	10	9.32825	67.4775	0	0.1034	0	0	33.182	13.35	1.41944	47.8925	85.4997	0	0	0
5382	10	8.40571	67.4775	0	0.1034	0	0	33.1769	13.35	1.425	47.2394	85.1116	0	0	0
5383	10	12.5571	67.4775	0	0.1034	0	0	33.1996	13.35	1.4	50.1783	86.858	0	0	0
5384	10	10.5171	62.8929	0	3.0684	0	0	21.032	11.0757	0.728214	50.702	86.9971	0	0	0
5385	10	7.05429	44.25	0	1.3684	0	0	21.8496	12.43	0.6625	46.1078	85.8227	0	0	0
5386	10	10.7397	67.4775	0	0.230091	0	0	31.4302	13.4389	1.4	50.3807	85.343	0	0	0
5387	10	8.88158	67.4775	0	0.132637	0	0	32.4783	13.3856	1.4	48.496	85.2041	0	0	0
5388	10	7.64286	67.4775	0	0.1034	0	0	33.1769	13.35	1.4	47.2394	85.1116	0	0	0
5389	10	12.8371	85.9425	0	2.07	0	0	27.3846	13.76	1	51.197	86.3543	0	0	0
5390	10	10.611	85.9425	0	2.07	0	0	27.3749	13.76	0.978571	49.5261	85.4773	0	0	0
5391	10	7.64286	85.9425	0	2.07	0	0	27.362	13.76	0.95	47.2982	84.3079	0	0	0
5392	10	11.0787	67.4775	0	0.230091	0	0	31.4302	13.4389	1.4	50.3807	85.343	0	0	0
5393	10	9.47491	67.4775	0	0.132637	0	0	32.4783	13.3856	1.4	48.496	85.2041	0	0	0
5394	10	8.40571	67.4775	0	0.1034	0	0	33.1769	13.35	1.4	47.2394	85.1116	0	0	0
5395	10	13.6429	85.9425	0	2.07	0	0	27.3846	13.76	1.025	51.197	86.3543	0	0	0
5396	10	11.02	85.9425	0	2.07	0	0	27.3749	13.76	1.01429	49.5261	85.4773	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5397	10	9.1	85.9425	0	2.07	0	0	27.362	13.76	1	47.2982	84.3079	0	0	0
5398	10	12.9371	85.9425	0	0.4859	0	0	24.495	13.76	1.025	51.2759	86.3806	0	0	0
5399	10	11.0282	85.9425	0	0.4859	0	0	24.4853	13.76	1.01429	49.6049	85.5035	0	0	0
5400	10	10.712	67.4775	0	0.1034	0	0	33.1895	13.35	1.4	48.8721	86.0818	0	0	0
5401	10	9.32825	67.4775	0	0.1034	0	0	33.182	13.35	1.4	47.8925	85.4997	0	0	0
5405	10	10.6784	67.4775	0	0.1144	0	0	32.7861	13.37	1.46111	47.7268	85.1474	0	0	0
5406	10	9.42794	67.4775	0	0.1144	0	0	32.7786	13.37	1.46944	47.8658	85.1619	0	0	0
5407	10	8.59429	67.4775	0	0.1144	0	0	32.7735	13.37	1.475	47.9584	85.1716	0	0	0
5408	10	12.3457	67.4775	0	0.1144	0	0	32.7962	13.37	1.45	47.5414	85.128	0	0	0
5409	10	12.3343	74.805	0	11.7581	0	0	23.1203	13.93	0.71	49.9648	84.0102	0	0	0
5410	10	7.81429	75.9375	0	11.7581	0	0	30.1343	13.86	0.855	45.1432	82.1996	0	0	0
5411	10	12.4043	103.913	0	0.226491	0	0	21.159	11.7225	1.52875	54.1427	86.6923	0	0	0
5412	10	10.6157	103.913	0	0.099342	0	0	22.5413	11.6592	1.53708	51.6969	86.5101	0	0	0
5413	10	9.27428	103.913	0	0.069923	0	0	23.5779	11.6117	1.54333	49.8625	86.3735	0	0	0
5414	10	10.4978	67.4775	0	0.1034	0	0	33.1895	13.35	1.475	48.8721	86.0818	0	0	0
5415	10	9.24254	67.4775	0	0.1034	0	0	33.182	13.35	1.475	47.8925	85.4997	0	0	0
5416	10	12.1714	67.4775	0	0.1034	0	0	33.1996	13.35	1.475	50.1783	86.858	0	0	0
5417	10	10.8213	67.4775	0	0.254197	0	0	31.835	13.42	1.46111	49.5696	85.2863	0	0	0
5418	10	9.48508	67.4775	0	0.146694	0	0	32.3982	13.39	1.46944	48.6029	85.2175	0	0	0
5422	10	10.6803	67.4775	0	0.1034	0	0	33.1895	13.35	1.475	48.8721	86.0818	0	0	0
5423	10	9.31556	67.4775	0	0.1034	0	0	33.182	13.35	1.475	47.8925	85.4997	0	0	0
5424	10	12.5	67.4775	0	0.1034	0	0	33.1996	13.35	1.475	50.1783	86.858	0	0	0
5440	10	12.1898	87.195	0	0.3174	0	0	24.2792	11.17	1.24464	50.5676	83.0239	0	0	0
5441	10	9.04857	87.195	0	0.3174	0	0	24.2662	11.17	1.2875	50.7669	83.0488	0	0	0
5442	10	11.0715	72.0225	0	11.7581	0	0	33.4865	10.42	1.03679	42.4698	82.0196	0	0	0
5443	10	7.64286	72.0225	0	11.7581	0	0	33.4735	10.42	1.0225	42.7003	82.0445	0	0	0
5446	10	13.1771	67.4775	0	0.1268	0	0	32.4389	13.39	1.675	48.2528	85.178	0	0	0
5447	10	11.2755	67.4775	0	0.1268	0	0	32.4292	13.39	1.69643	48.414	85.1967	0	0	0
5448	10	8.74	67.4775	0	0.1268	0	0	32.4163	13.39	1.725	48.6289	85.2216	0	0	0
5449	10	12.6188	87.195	0	1.6506	0	0	21.6776	11.29	1.23393	55.3158	83.3839	0	0	0
5450	10	9.48571	87.195	0	1.6506	0	0	21.6647	11.29	1.2625	55.3542	83.4088	0	0	0
5451	10	14.7314	87.195	0	0.3874	0	0	23.7076	11.2	1.2375	51.5058	83.0852	0	0	0
5452	10	12.3694	87.195	0	0.3874	0	0	23.6979	11.2	1.24821	51.6283	83.1039	0	0	0
5453	10	11.3347	67.4775	0	0.238426	0	0	31.3803	13.4414	1.65357	50.4705	85.3496	0	0	0
5454	10	12.8714	67.4775	0	0.1034	0	0	33.1996	13.35	1.625	50.1783	86.858	0	0	0
5455	10	10.9575	67.4775	0	0.1034	0	0	33.1899	13.35	1.67857	48.9188	86.1096	0	0	0
5456	10	8.40571	67.4775	0	0.1034	0	0	33.1769	13.35	1.75	47.2394	85.1116	0	0	0
5457	10	10.6415	62.0357	0	10.5999	0	0	19.339	10.9217	0.690712	53.8061	86.4404	0	0	0
5458	10	13.4232	68.25	0	10.1876	0	0	18.5304	10.9542	0.702501	56.9854	86.7925	0	0	0
5459	10	11.1847	54.985	0	0.1034	0	0	32.2197	13.35	1.72143	50.2247	87.1562	0	0	0
5460	10	13.1071	54.985	0	0.1034	0	0	32.2391	13.35	1.7	51.2865	87.886	0	0	0
5461	10	9.00656	68.125	0	6.9	0	0	20.9233	8.53433	0.712501	49.0132	87.5766	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5462	10	9.00656	51.8	0	6.9	0	0	20.9233	8.53433	0.757501	49.0132	87.5766	0	0	0
5463	10	9.00656	86.5	0	6.9	0	0	20.9233	8.53433	0.757501	49.0132	87.5766	0	0	0
5464	10	13.2357	54.985	0	0.519	0	0	29.3069	13.51	1.1	53.3809	86.576	0	0	0
5466	10	11.0858	67.295	0	0.4859	0	0	25.4962	13.76	1.02143	48.2631	86.5428	0	0	0
5467	10	13.1	67.295	0	0.4859	0	0	25.4962	13.76	1	50.1317	87.4011	0	0	0
5474	10	9.47224	54.985	0	0.1034	0	0	32.2039	13.35	1.23889	49.3595	86.5616	0	0	0
5475	10	10.7484	54.985	0	0.1034	0	0	32.219	13.35	1.22222	50.1854	87.1291	0	0	0
5476	10	12.45	54.985	0	0.1034	0	0	32.2391	13.35	1.2	51.2865	87.886	0	0	0
5478	10	10.0112	61.145	0	0.609	0	0	25.5327	12.51	1.27	45.0999	82.9722	0	0	0
5479	10	12.2643	61.145	0	0.609	0	0	25.5327	12.51	1.27	45.1047	82.9224	0	0	0
5480	10	9.82755	61.145	0	0.609	0	0	23.5707	12.51	0.962857	47.8569	82.9722	0	0	0
5481	10	12.55	61.145	0	0.609	0	0	23.5965	12.51	0.82	47.3348	82.9224	0	0	0
5486	10	10.2061	67.295	0	0.4859	0	0	25.4962	13.76	1.02857	47.6403	86.2566	0	0	0
5487	10	12.6143	67.295	0	0.4859	0	0	25.4962	13.76	1	50.1317	87.4011	0	0	0
5488	10	9.48672	28.26	0	11.7581	0	0	29.1074	7.09571	0.985714	46.1533	83.0905	0	0	0
5489	10	12.8214	30.8	0	11.7581	0	0	26.1724	7.93	0.86	50.1621	82.9145	0	0	0
5490	10	10.4918	67.295	0	0.4859	0	0	23.5341	13.76	1.02857	50.3974	86.2566	0	0	0
5491	10	12.9	67.295	0	0.4859	0	0	23.5599	13.76	1	52.3618	87.4011	0	0	0
5492	10	9.52346	28.26	0	11.7581	0	0	29.1074	7.09571	1.08571	46.1533	83.0905	0	0	0
5493	10	12.9071	30.8	0	11.7581	0	0	26.1724	7.93	0.96	50.1621	82.9145	0	0	0
5494	10	10.2969	61.145	0	0.609	0	0	23.5707	12.51	1.27	47.8569	82.9722	0	0	0
5495	10	12.55	61.145	0	0.609	0	0	23.5965	12.51	1.27	47.3348	82.9224	0	0	0
5496	10	9.50306	28.26	0	11.7581	0	0	29.1074	7.09571	0.985714	46.1533	83.0905	0	0	0
5497	10	11.9327	68.13	0	0.2401	0	0	24.3488	11.12	1.225	53.3821	85.7692	0	0	0
5498	10	14.25	68.13	0	0.2401	0	0	24.3682	11.12	1.225	55.5497	87.1204	0	0	0
5499	10	12.4279	68.13	0	0.2401	0	0	24.3547	11.12	1.36	54.0324	86.1746	0	0	0
5500	10	13.9643	68.13	0	0.2401	0	0	24.3682	11.12	1.375	55.5497	87.1204	0	0	0
5501	10	9.20571	68.13	0	0.3314	0	0	23.2688	11.18	1.34	51.9234	84.1114	0	0	0
5502	10	12.1657	68.13	0	0.3314	0	0	23.2869	11.18	1.36	51.6561	84.0765	0	0	0
5503	10	14.3857	68.13	0	0.3314	0	0	23.3005	11.18	1.375	51.4556	84.0504	0	0	0
5504	10	10.7607	68.13	0	0.3314	0	0	23.2688	11.18	1.34	51.9234	84.1114	0	0	0
5505	10	12.8321	68.13	0	0.3314	0	0	23.2869	11.18	1.36	51.6561	84.0765	0	0	0
5506	10	12.2592	68.13	0	0.3874	0	0	22.8758	11.2	1.21786	52.4266	84.1478	0	0	0
5507	10	14.4786	68.13	0	0.3874	0	0	22.8952	11.2	1.175	52.1817	84.1104	0	0	0
5508	10	13.2107	68.13	0	4.1428	0	0	20.6766	11.31	1.24	56.0551	84.4766	0	0	0
5509	10	14.7643	68.13	0	4.1428	0	0	20.6901	11.31	1.225	56.039	84.4504	0	0	0
5510	10	13.8786	68.13	0	0.2401	0	0	24.3682	11.12	1.075	55.5497	87.1204	0	0	0
5511	10	13.1707	68.13	0	4.1428	0	0	20.6766	11.31	1.29	56.0551	84.4766	0	0	0
5512	10	14.7071	68.13	0	4.1428	0	0	20.6901	11.31	1.275	56.039	84.4504	0	0	0
5513	10	12.6275	68.13	0	1.6506	0	0	21.0152	11.29	1.19643	55.4917	84.4278	0	0	0
5514	10	14.9571	68.13	0	1.6506	0	0	21.0346	11.29	1.175	55.4341	84.3904	0	0	0
5515	10	12.5679	68.13	0	0.2401	0	0	24.3547	11.12	1.165	54.0324	86.1746	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5516	10	14.1643	68.13	0	0.2401	0	0	24.3682	11.12	1.075	55.5497	87.1204	0	0	0
5517	10	12.2796	68.13	0	0.3174	0	0	23.4083	11.17	1.175	51.5452	84.0678	0	0	0
5518	10	14.6214	68.13	0	0.3174	0	0	23.4277	11.17	1.175	51.2463	84.0304	0	0	0
5519	10	13.1707	68.13	0	4.1428	0	0	20.6766	11.31	1.34	56.0551	84.4766	0	0	0
5520	10	14.7071	68.13	0	4.1428	0	0	20.6901	11.31	1.325	56.039	84.4504	0	0	0
5521	10	9.97654	68.13	0	1.15883	0	0	26.1644	11.1425	1.21786	47.0332	83.1105	0	0	0
5522	10	10.5643	68.13	0	0.4859	0	0	24.2493	10.43	1.175	51.4509	84.3858	0	0	0
5523	10	10.302	61.145	0	0.6034	0	0	23.6139	12.51	0.998571	50.1883	83.6393	0	0	0
5524	10	12.5714	61.145	0	0.6034	0	0	23.6398	12.51	0.97	52.8555	84.4924	0	0	0
5525	10	11.4184	68.13	0	0.3874	0	0	22.8758	11.2	0.946429	52.4266	84.1478	0	0	0
5526	10	14.5929	68.13	0	0.3874	0	0	22.8952	11.2	0.925	52.1817	84.1104	0	0	0
5527	10	12.2429	67.295	0	0.4859	0	0	25.1214	12.6	0.976364	49.9305	84.1507	0	0	0
5528	10	10.9888	68.13	0	0.2401	0	0	24.3424	11.12	1.06786	52.6597	85.3188	0	0	0
5529	10	13.85	68.13	0	0.2401	0	0	24.3682	11.12	0.925	55.5497	87.1204	0	0	0
5530	10	10.0163	61.145	0	0.6034	0	0	25.576	12.51	1.02714	47.4312	83.6393	0	0	0
5531	10	12.2857	61.145	0	0.6034	0	0	25.576	12.51	0.97	50.6255	84.4924	0	0	0
5532	10	10.7929	68.13	0	0.2401	0	0	24.3424	11.12	1.06786	52.6597	85.3188	0	0	0
5533	10	12.5449	68.13	0	0.701	0	0	21.7963	11.25	1.21786	54.2189	84.3178	0	0	0
5534	10	14.85	68.13	0	0.701	0	0	21.8157	11.25	1.175	54.0835	84.2804	0	0	0
5535	10	9.6245	61.145	0	1.02715	0	0	22.3511	12.5743	1.27	49.9916	83.1565	0	0	0
5536	10	13.1429	61.145	0	12.0676	0	0	20.7508	12.66	1.27	52.3156	83.3523	0	0	0
5537	10	13.2107	68.13	0	4.1428	0	0	20.6766	11.31	1.29	56.0551	84.4766	0	0	0
5538	10	14.7643	68.13	0	4.1428	0	0	20.6901	11.31	1.275	56.039	84.4504	0	0	0
5539	10	11.2572	67.295	0	0.4859	0	0	23.5406	13.76	0.928571	50.8885	86.5428	0	0	0
5540	10	13.1857	67.295	0	0.4859	0	0	23.5599	13.76	0.95	52.3618	87.4011	0	0	0
5541	10	8.68571	67.295	0	0.4859	0	0	23.5147	13.76	1.05	48.9241	85.3983	0	0	0
5542	10	12.8429	67.295	0	0.4859	0	0	23.5599	13.76	0.95	52.3618	87.4011	0	0	0
5543	10	10.4735	61.145	0	0.6885	0	0	23.133	12.54	0.998571	48.5818	83.0322	0	0	0
5544	10	12.7429	61.145	0	0.6885	0	0	23.1589	12.54	0.97	48.1199	82.9824	0	0	0
5545	10	11.2143	58.015	0	11.7581	0	0	32.6029	10.42	0.922143	43.5897	83.0592	0	0	0
5546	10	13.7857	58.015	0	11.7581	0	0	32.6223	10.42	0.965	43.244	83.0218	0	0	0
5547	10	10.9715	67.295	0	0.4859	0	0	25.4962	13.76	0.928571	48.2631	86.5428	0	0	0
5548	10	12.9	67.295	0	0.4859	0	0	25.4962	13.76	0.95	50.1317	87.4011	0	0	0
5549	10	12.2429	67.295	0	0.4859	0	0	27.0321	12.1429	1.13964	48.1181	83.5465	0	0	0
5550	10	10.5095	79.275	0	0.0576	0	0	23.3565	11.57	1.48167	52.945	88.192	0	0	0
5551	10	12.0429	79.275	0	0.0576	0	0	23.3717	11.57	1.415	55.2176	88.8696	0	0	0
5552	10	13.1929	79.275	0	0.0576	0	0	23.383	11.57	1.365	56.922	89.3778	0	0	0
5553	10	10.302	61.145	0	0.6034	0	0	23.6139	12.51	1.02714	50.1883	83.6393	0	0	0
5554	10	11.2153	67.295	0	0.5804	0	0	24.8629	13.79	0.928571	46.8341	85.4485	0	0	0
5555	10	13.1286	67.295	0	0.5804	0	0	24.8629	13.79	0.95	46.8985	85.4111	0	0	0
5556	10	13.0143	92.84	0	11.7581	0	0	21.4443	11.71	0.9	54.848	86.8399	0	0	0
5559	10	11.501	67.295	0	0.5804	0	0	22.9073	13.79	0.928571	49.4594	85.4485	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5560	10	13.4143	67.295	0	0.5804	0	0	22.9267	13.79	0.95	49.1285	85.4111	0	0	0
5561	10	9.45306	61.145	0	0.6885	0	0	23.133	12.54	0.998571	48.5818	83.0322	0	0	0
5562	10	11.3388	67.295	0	0.4859	0	0	23.5406	13.76	1.15	50.8885	86.5428	0	0	0
5563	10	13.3286	67.295	0	0.4859	0	0	23.5599	13.76	1.15	52.3618	87.4011	0	0	0
5564	10	11.6214	79.275	0	0.0587	0	0	25.2434	11.58	1.63	47.0825	87.294	0	0	0
5565	10	13.0357	79.275	0	0.0587	0	0	25.2434	11.58	1.615	47.088	87.2678	0	0	0
5566	10	13.2107	68.13	0	4.1428	0	0	20.6766	11.31	1.375	56.0551	84.4766	0	0	0
5567	10	14.7643	68.13	0	4.1428	0	0	20.6901	11.31	1.375	56.039	84.4504	0	0	0
5568	10	10.3143	61.145	0	0.6034	0	0	23.6139	12.51	1.12	50.1883	83.6393	0	0	0
5569	10	12.6	61.145	0	0.6034	0	0	23.6398	12.51	1.12	52.8555	84.4924	0	0	0
5570	10	7.78571	60.625	0	11.7581	0	0	29.3287	13.86	0.92	46.5565	83.2192	0	0	0
5571	10	12.5071	59.87	0	11.7581	0	0	22.2206	13.93	0.74	51.0196	85.0204	0	0	0
5574	10	13.0429	92.84	0	11.7581	0	0	21.4443	11.71	1.05	54.848	86.8399	0	0	0
5575	10	11.8929	79.275	0	0.0576	0	0	23.3694	11.57	1.63	54.8767	88.768	0	0	0
5576	10	13.3071	79.275	0	0.0576	0	0	23.383	11.57	1.615	56.922	89.3778	0	0	0
5577	10	12.3245	68.13	0	0.3874	0	0	22.8758	11.2	0.946429	52.4266	84.1478	0	0	0
5578	10	11.749	54.985	0	0.291465	0	0	30.33	13.4586	1.6	51.7591	86.4433	0	0	0
5579	10	11.4959	54.985	0	0.1268	0	0	31.5485	13.39	1.73571	49.4779	86.2433	0	0	0
5580	10	13.4429	54.985	0	0.1268	0	0	31.5679	13.39	1.65	49.1555	86.206	0	0	0
5581	10	11.2714	54.985	0	0.291465	0	0	30.33	13.4586	1.6	51.7591	86.4433	0	0	0
5582	10	11.4959	54.985	0	0.1268	0	0	31.5485	13.39	1.68571	49.4779	86.2433	0	0	0
5583	10	13.4429	54.985	0	0.1268	0	0	31.5679	13.39	1.6	49.1555	86.206	0	0	0
5584	10	12.3421	79.275	0	0.191004	0	0	21.2443	11.685	1.49	53.1838	87.609	0	0	0
5585	10	10.7905	61.145	0	0.6034	0	0	23.6197	12.51	1.32	50.7811	83.8289	0	0	0
5586	10	12.5429	61.145	0	0.6034	0	0	23.6398	12.51	1.32	52.8555	84.4924	0	0	0
5587	10	12.0554	79.275	0	0.0584	0	0	23.322	11.58	1.415	49.5074	87.2896	0	0	0
5588	10	13.2071	79.275	0	0.0584	0	0	23.3333	11.58	1.365	49.2801	87.2678	0	0	0
5589	10	11.5982	79.275	0	0.0584	0	0	25.2695	11.58	1.5275	47.0467	87.2896	0	0	0
5590	10	12.6929	79.275	0	0.0584	0	0	25.2695	11.58	1.515	47.05	87.2678	0	0	0
5591	10	11.0184	54.985	0	0.1268	0	0	31.5485	13.39	1.68571	49.4779	86.2433	0	0	0
5592	10	12.575	79.275	0	0.226491	0	0	20.4355	11.7225	1.415	54.5355	87.7321	0	0	0
5593	10	11.8839	79.275	0	0.0584	0	0	23.322	11.58	1.5275	49.5074	87.2896	0	0	0
5594	10	12.9786	79.275	0	0.0584	0	0	23.3333	11.58	1.515	49.2801	87.2678	0	0	0
5595	10	11.8837	68.13	0	1.6506	0	0	21.0152	11.29	1.19643	55.4917	84.4278	0	0	0
5598	10	11.6804	79.275	0	0.0584	0	0	23.322	11.58	1.5275	49.5074	87.2896	0	0	0
5599	10	11.5939	54.985	0	0.1268	0	0	31.5485	13.39	1.6	49.4779	86.2433	0	0	0
5600	10	13.6143	54.985	0	0.1268	0	0	31.5679	13.39	1.45	49.1555	86.206	0	0	0
5601	10	9.49761	54.985	0	0.1034	0	0	32.2039	13.35	1.13889	49.3595	86.5616	0	0	0
5602	10	10.8119	54.985	0	0.1034	0	0	32.219	13.35	1.12222	50.1854	87.1291	0	0	0
5603	10	12.5643	54.985	0	0.1034	0	0	32.2391	13.35	1.1	51.2865	87.886	0	0	0
5604	10	8.96984	54.985	0	0.132637	0	0	31.5809	13.3856	1.1	49.773	86.266	0	0	0
5605	10	10.746	54.985	0	0.230091	0	0	30.6615	13.4389	1.1	51.2192	86.3903	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5606	10	10.7735	67.295	0	2.07	0	0	26.5198	13.76	0.857143	50.7307	86.4903	0	0	0
5607	10	13.0143	67.295	0	2.07	0	0	26.5392	13.76	0.9	52.204	87.3486	0	0	0
5608	10	9.61983	54.985	0	0.132637	0	0	31.5809	13.3856	1.1	49.773	86.266	0	0	0
5609	10	11.1175	54.985	0	0.230091	0	0	30.6615	13.4389	1.1	51.2192	86.3903	0	0	0
5610	10	11.2572	67.295	0	2.07	0	0	26.5198	13.76	0.928571	50.7307	86.4903	0	0	0
5611	10	13.7857	67.295	0	2.07	0	0	26.5392	13.76	0.95	52.204	87.3486	0	0	0
5612	10	11.2735	67.295	0	0.4859	0	0	23.5406	13.76	0.928571	50.8885	86.5428	0	0	0
5613	10	13.2143	67.295	0	0.4859	0	0	23.5599	13.76	0.95	52.3618	87.4011	0	0	0
5614	10	9.49761	54.985	0	0.1034	0	0	32.2039	13.35	1.1	49.3595	86.5616	0	0	0
5615	10	10.8119	54.985	0	0.1034	0	0	32.219	13.35	1.1	50.1854	87.1291	0	0	0
5618	10	9.47698	54.985	0	0.1144	0	0	31.8471	13.37	1.23889	49.1915	86.2238	0	0	0
5619	10	10.5246	54.985	0	0.1144	0	0	31.8622	13.37	1.22222	48.9135	86.1947	0	0	0
5620	10	11.9214	54.985	0	0.1144	0	0	31.8823	13.37	1.2	48.5429	86.156	0	0	0
5621	10	8.12857	60.625	0	11.7581	0	0	29.3287	13.86	0.87	46.5565	83.2192	0	0	0
5622	10	12.4786	59.87	0	11.7581	0	0	22.2206	13.93	0.74	51.0196	85.0204	0	0	0
5623	10	12.4036	79.275	0	0.226491	0	0	20.4355	11.7225	1.5275	54.5355	87.7321	0	0	0
5624	10	9.32619	54.985	0	0.1034	0	0	32.2039	13.35	1.25	49.3595	86.5616	0	0	0
5625	10	10.3833	54.985	0	0.1034	0	0	32.219	13.35	1.25	50.1854	87.1291	0	0	0
5626	10	11.7929	54.985	0	0.1034	0	0	32.2391	13.35	1.25	51.2865	87.886	0	0	0
5627	10	9.52461	54.985	0	0.146694	0	0	31.5107	13.39	1.23889	49.8258	86.2794	0	0	0
5628	10	10.6437	54.985	0	0.254197	0	0	31.0211	13.42	1.22222	50.4992	86.3336	0	0	0
5631	10	9.47224	54.985	0	0.1034	0	0	32.2039	13.35	1.25	49.3595	86.5616	0	0	0
5632	10	10.7484	54.985	0	0.1034	0	0	32.219	13.35	1.25	50.1854	87.1291	0	0	0
5633	10	12.45	54.985	0	0.1034	0	0	32.2391	13.35	1.25	51.2865	87.886	0	0	0
5642	10	12.2796	68.13	0	0.3174	0	0	23.4083	11.17	1.23929	51.5452	84.0678	0	0	0
5643	10	11.2143	58.015	0	11.7581	0	0	32.6029	10.42	0.943571	43.5897	83.0592	0	0	0
5646	10	11.4796	54.985	0	0.1268	0	0	31.5485	13.39	1.69286	49.4779	86.2433	0	0	0
5647	10	13.4143	54.985	0	0.1268	0	0	31.5679	13.39	1.65	49.1555	86.206	0	0	0
5648	10	12.6275	68.13	0	1.6506	0	0	21.0152	11.29	1.21786	55.4917	84.4278	0	0	0
5649	10	12.4388	68.13	0	0.3874	0	0	22.8758	11.2	1.24643	52.4266	84.1478	0	0	0
5650	10	14.7929	68.13	0	0.3874	0	0	22.8952	11.2	1.225	52.1817	84.1104	0	0	0
5651	10	11.5479	54.985	0	0.238426	0	0	30.6177	13.4414	1.60714	51.2881	86.3962	0	0	0
5652	10	13.1929	54.985	0	0.1034	0	0	32.2391	13.35	1.55	51.2865	87.886	0	0	0
5653	10	11.2337	54.985	0	0.1034	0	0	32.2197	13.35	1.65714	50.2247	87.1562	0	0	0
5654	10	12.55	79.97	0	0	0.1034	0	34.16	13.35	1.7	49.07	85.83	0	0	0
5655	10	10.6814	79.97	0	0	0.1034	0	34.16	13.35	1.7	47.6129	85.0629	0	0	0
5656	10	8.19	79.97	0	0	0.1034	0	34.16	13.35	1.7	45.67	84.04	0	0	0
5660	10	12.66	104.59	0	0	0.4859	0	25.43	13.76	1.1	50.19	85.36	0	0	0
5661	10	10.7829	104.59	0	0	0.4859	0	25.43	13.76	1.1	48.3214	84.4643	0	0	0
5662	10	8.28	104.59	0	0	0.4859	0	25.43	13.76	1.1	45.83	83.27	0	0	0
5663	10	10.6122	79.97	0	0	0.1034	0	34.16	13.35	1.7	47.5589	85.0344	0	0	0
5664	10	9.15889	79.97	0	0	0.1034	0	34.16	13.35	1.7	46.4256	84.4378	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5665	10	10.1571	104.59	0	0	0.4859	0	25.43	13.76	1.1	47.6986	84.1657	0	0	0
5666	10	9.71143	104.59	0	0	0.4859	0	25.43	13.76	1.1	47.6986	84.1657	0	0	0
5667	10	7.5	104.59	0	0	0.4859	0	25.43	13.76	1.1	45.83	83.27	0	0	0
5668	10	13.02	104.59	0	0	0.5804	0	24.68	13.79	1.1	47.32	83.37	0	0	0
5669	10	11.1471	104.59	0	0	0.5804	0	24.68	13.79	1.1	47.32	83.37	0	0	0
5670	10	8.65	104.59	0	0	0.5804	0	24.68	13.79	1.1	47.32	83.37	0	0	0
5671	10	8.58	79.97	0	0	0.1268	0	33.31	13.39	1.7	47.35	84.15	0	0	0
5672	10	12.94	79.97	0	0	0.1268	0	33.31	13.39	1.7	47.35	84.15	0	0	0
5673	10	11.0714	79.97	0	0	0.1268	0	33.31	13.39	1.7	47.35	84.15	0	0	0
5674	10	7.5	79.97	0	0	0.1268	0	33.31	13.39	1.7	47.35	84.15	0	0	0
5675	10	10.6086	79.97	0	0	0.1268	0	33.31	13.39	1.7	47.35	84.15	0	0	0
5676	10	8.79333	79.97	0	0	0.13434	0	33.3756	13.3856	1.7	47.2189	84.1422	0	0	0
5677	10	7.5	79.97	0	0	0.1034	0	34.16	13.35	1.7	45.67	84.04	0	0	0
5678	10	9.33	79.97	0	0	0.13434	0	33.3756	13.3856	1.7	47.2189	84.1422	0	0	0
5679	10	10.8322	79.97	0	0	0.1144	0	33.71	13.37	1.7	46.54	84.1	0	0	0
5680	10	9.37889	79.97	0	0	0.1144	0	33.71	13.37	1.7	46.54	84.1	0	0	0
5681	10	8.41	79.97	0	0	0.1144	0	33.71	13.37	1.7	46.54	84.1	0	0	0
5682	10	12.77	79.97	0	0	0.1144	0	33.71	13.37	1.7	46.54	84.1	0	0	0
5683	10	9.44556	79.97	0	0	0.14856	0	33.2856	13.39	1.7	47.38	84.1556	0	0	0
5684	10	12.8286	67.4775	0	0	0.1034	0	33.1996	13.35	1.7	50.1783	86.858	0	0	0
5685	10	10.933	67.4775	0	0	0.1034	0	33.1899	13.35	1.71071	48.9188	86.1096	0	0	0
5686	10	8.40571	67.4775	0	0	0.1034	0	33.1769	13.35	1.725	47.2394	85.1116	0	0	0
5690	10	12.88	85.9425	0	0	0.4859	0	25.4631	13.76	1.05	50.1609	86.3806	0	0	0
5691	10	10.9343	85.9425	0	0	0.4859	0	25.4631	13.76	1.06071	48.2923	85.5035	0	0	0
5692	10	8.34	85.9425	0	0	0.4859	0	25.4631	13.76	1.075	45.8009	84.3341	0	0	0
5693	10	10.6803	67.4775	0	0	0.1034	0	33.1895	13.35	1.46111	48.8721	86.0818	0	0	0
5694	10	9.31556	67.4775	0	0	0.1034	0	33.182	13.35	1.46944	47.8925	85.4997	0	0	0
5695	10	8.40571	67.4775	0	0	0.1034	0	33.1769	13.35	1.475	47.2394	85.1116	0	0	0
5696	10	12.5	67.4775	0	0	0.1034	0	33.1996	13.35	1.45	50.1783	86.858	0	0	0
5697	10	12.6371	85.9425	0	0	0.4859	0	25.4631	13.76	1.05	50.1609	86.3806	0	0	0
5698	10	10.1816	85.9425	0	0	0.4859	0	25.4631	13.76	1.06429	47.6695	85.2112	0	0	0
5699	10	12.78	85.9425	0	0	0.4859	0	24.495	13.76	1.05	51.2759	86.3806	0	0	0
5700	10	10.3245	85.9425	0	0	0.4859	0	24.482	13.76	1.06429	49.048	85.2112	0	0	0
5701	10	8.48286	85.9425	0	0	0.4859	0	24.4723	13.76	1.075	47.3771	84.3341	0	0	0
5702	10	9.70163	85.9425	0	0	0.4859	0	25.4631	13.76	1.06429	47.6695	85.2112	0	0	0
5703	10	7.5	85.9425	0	0	0.4859	0	25.4631	13.76	1.075	45.8009	84.3341	0	0	0
5704	10	12.4514	85.9425	0	0	0.4859	0	25.2757	13.18	1.03818	50.0603	84.7553	0	0	0
5705	10	12.9229	85.9425	0	0	0.4859	0	24.495	13.76	1.025	51.2759	86.3806	0	0	0
5706	10	11.02	85.9425	0	0	0.4859	0	24.4853	13.76	1.01429	49.6049	85.5035	0	0	0
5707	10	8.48286	85.9425	0	0	0.4859	0	24.4723	13.76	1	47.3771	84.3341	0	0	0
5708	10	12.7514	85.9425	0	0	0.4859	0	24.495	13.76	1.025	51.2759	86.3806	0	0	0
5709	10	12.78	85.9425	0	0	0.4859	0	25.4631	13.76	1.025	50.1609	86.3806	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5710	10	10.8772	85.9425	0	0	0.4859	0	25.4631	13.76	1.01429	48.2923	85.5035	0	0	0
5711	10	8.34	85.9425	0	0	0.4859	0	25.4631	13.76	1	45.8009	84.3341	0	0	0
5712	10	12.4514	85.9425	0	0	0.4859	0	26.2311	12.9514	1.11982	49.154	84.4532	0	0	0
5713	10	13.0743	85.9425	0	0	0.5804	0	24.7715	13.79	1.025	47.1092	84.3906	0	0	0
5714	10	11.1812	85.9425	0	0	0.5804	0	24.7715	13.79	1.01429	47.077	84.4092	0	0	0
5715	10	8.65714	85.9425	0	0	0.5804	0	24.7715	13.79	1	47.0341	84.4341	0	0	0
5716	10	13.2171	85.9425	0	0	0.5804	0	23.8034	13.79	1.025	48.2243	84.3906	0	0	0
5717	10	11.324	85.9425	0	0	0.5804	0	23.7937	13.79	1.01429	48.3897	84.4092	0	0	0
5718	10	8.8	85.9425	0	0	0.5804	0	23.7807	13.79	1	48.6103	84.4341	0	0	0
5719	10	12.9943	85.9425	0	0	0.4859	0	24.495	13.76	1.125	51.2759	86.3806	0	0	0
5720	10	11.0609	85.9425	0	0	0.4859	0	24.4853	13.76	1.125	49.6049	85.5035	0	0	0
5721	10	8.48286	85.9425	0	0	0.4859	0	24.4723	13.76	1.125	47.3771	84.3341	0	0	0
5722	10	8.48286	85.9425	0	0	0.4859	0	26.2311	12.9514	1.11982	45.4169	82.6618	0	0	0
5723	10	8.74	67.4775	0	0	0.1268	0	32.4163	13.39	1.75	48.6289	85.2216	0	0	0
5724	10	13.1914	67.4775	0	0	0.1268	0	32.4389	13.39	1.675	48.2528	85.178	0	0	0
5725	10	11.2836	67.4775	0	0	0.1268	0	32.4292	13.39	1.71786	48.414	85.1967	0	0	0
5726	10	8.74	67.4775	0	0	0.1268	0	32.4163	13.39	1.775	48.6289	85.2216	0	0	0
5727	10	7.64286	67.4775	0	0	0.1268	0	32.4163	13.39	1.75	48.6289	85.2216	0	0	0
5728	10	13.1914	67.4775	0	0	0.1268	0	32.4389	13.39	1.65	48.2528	85.178	0	0	0
5729	10	11.2836	67.4775	0	0	0.1268	0	32.4292	13.39	1.69286	48.414	85.1967	0	0	0
5730	10	10.8135	67.4775	0	0	0.1268	0	32.4292	13.39	1.69286	48.414	85.1967	0	0	0
5731	10	13.2771	67.4775	0	0	0.1268	0	32.4389	13.39	1.575	48.2528	85.178	0	0	0
5732	10	11.3326	67.4775	0	0	0.1268	0	32.4292	13.39	1.65	48.414	85.1967	0	0	0
5733	10	10.712	67.4775	0	0	0.1034	0	33.1895	13.35	1.41111	48.8721	86.0818	0	0	0
5734	10	9.32825	67.4775	0	0	0.1034	0	33.182	13.35	1.41944	47.8925	85.4997	0	0	0
5735	10	8.40571	67.4775	0	0	0.1034	0	33.1769	13.35	1.425	47.2394	85.1116	0	0	0
5736	10	12.5571	67.4775	0	0	0.1034	0	33.1996	13.35	1.4	50.1783	86.858	0	0	0
5737	10	8.88158	67.4775	0	0	0.13434	0	32.4783	13.3856	1.4	48.496	85.2041	0	0	0
5738	10	7.64286	67.4775	0	0	0.1034	0	33.1769	13.35	1.4	47.2394	85.1116	0	0	0
5739	10	9.47491	67.4775	0	0	0.13434	0	32.4783	13.3856	1.4	48.496	85.2041	0	0	0
5740	10	8.40571	67.4775	0	0	0.1034	0	33.1769	13.35	1.4	47.2394	85.1116	0	0	0
5741	10	12.9371	85.9425	0	0	0.4859	0	24.495	13.76	1.025	51.2759	86.3806	0	0	0
5742	10	11.0282	85.9425	0	0	0.4859	0	24.4853	13.76	1.01429	49.6049	85.5035	0	0	0
5743	10	10.712	67.4775	0	0	0.1034	0	33.1895	13.35	1.4	48.8721	86.0818	0	0	0
5744	10	9.32825	67.4775	0	0	0.1034	0	33.182	13.35	1.4	47.8925	85.4997	0	0	0
5745	10	10.6784	67.4775	0	0	0.1144	0	32.7861	13.37	1.46111	47.7268	85.1474	0	0	0
5746	10	9.42794	67.4775	0	0	0.1144	0	32.7786	13.37	1.46944	47.8658	85.1619	0	0	0
5747	10	8.59429	67.4775	0	0	0.1144	0	32.7735	13.37	1.475	47.9584	85.1716	0	0	0
5748	10	12.3457	67.4775	0	0	0.1144	0	32.7962	13.37	1.45	47.5414	85.128	0	0	0
5749	10	10.4978	67.4775	0	0	0.1034	0	33.1895	13.35	1.475	48.8721	86.0818	0	0	0
5750	10	9.24254	67.4775	0	0	0.1034	0	33.182	13.35	1.475	47.8925	85.4997	0	0	0
5751	10	12.1714	67.4775	0	0	0.1034	0	33.1996	13.35	1.475	50.1783	86.858	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5752	10	9.48508	67.4775	0	0	0.14856	0	32.3982	13.39	1.46944	48.6029	85.2175	0	0	0
5753	10	10.6803	67.4775	0	0	0.1034	0	33.1895	13.35	1.475	48.8721	86.0818	0	0	0
5754	10	9.31556	67.4775	0	0	0.1034	0	33.182	13.35	1.475	47.8925	85.4997	0	0	0
5755	10	12.5	67.4775	0	0	0.1034	0	33.1996	13.35	1.475	50.1783	86.858	0	0	0
5756	10	13.1771	67.4775	0	0	0.1268	0	32.4389	13.39	1.675	48.2528	85.178	0	0	0
5757	10	11.2755	67.4775	0	0	0.1268	0	32.4292	13.39	1.69643	48.414	85.1967	0	0	0
5758	10	8.74	67.4775	0	0	0.1268	0	32.4163	13.39	1.725	48.6289	85.2216	0	0	0
5759	10	12.8714	67.4775	0	0	0.1034	0	33.1996	13.35	1.625	50.1783	86.858	0	0	0
5760	10	10.9575	67.4775	0	0	0.1034	0	33.1899	13.35	1.67857	48.9188	86.1096	0	0	0
5761	10	8.40571	67.4775	0	0	0.1034	0	33.1769	13.35	1.75	47.2394	85.1116	0	0	0
5762	10	11.1847	54.985	0	0	0.1034	0	32.2197	13.35	1.72143	50.2247	87.1562	0	0	0
5763	10	13.1071	54.985	0	0	0.1034	0	32.2391	13.35	1.7	51.2865	87.886	0	0	0
5765	10	11.0858	67.295	0	0	0.4859	0	25.4962	13.76	1.02143	48.2631	86.5428	0	0	0
5766	10	13.1	67.295	0	0	0.4859	0	25.4962	13.76	1	50.1317	87.4011	0	0	0
5767	10	9.47224	54.985	0	0	0.1034	0	32.2039	13.35	1.23889	49.3595	86.5616	0	0	0
5768	10	10.7484	54.985	0	0	0.1034	0	32.219	13.35	1.22222	50.1854	87.1291	0	0	0
5769	10	12.45	54.985	0	0	0.1034	0	32.2391	13.35	1.2	51.2865	87.886	0	0	0
5770	10	10.2061	67.295	0	0	0.4859	0	25.4962	13.76	1.02857	47.6403	86.2566	0	0	0
5771	10	12.6143	67.295	0	0	0.4859	0	25.4962	13.76	1	50.1317	87.4011	0	0	0
5772	10	10.4918	67.295	0	0	0.4859	0	23.5341	13.76	1.02857	50.3974	86.2566	0	0	0
5773	10	12.9	67.295	0	0	0.4859	0	23.5599	13.76	1	52.3618	87.4011	0	0	0
5774	10	12.2429	67.295	0	0	0.4859	0	25.1214	12.6	0.976364	49.9305	84.1507	0	0	0
5775	10	11.2572	67.295	0	0	0.4859	0	23.5406	13.76	0.928571	50.8885	86.5428	0	0	0
5776	10	13.1857	67.295	0	0	0.4859	0	23.5599	13.76	0.95	52.3618	87.4011	0	0	0
5777	10	8.68571	67.295	0	0	0.4859	0	23.5147	13.76	1.05	48.9241	85.3983	0	0	0
5778	10	12.8429	67.295	0	0	0.4859	0	23.5599	13.76	0.95	52.3618	87.4011	0	0	0
5779	10	10.9715	67.295	0	0	0.4859	0	25.4962	13.76	0.928571	48.2631	86.5428	0	0	0
5780	10	12.9	67.295	0	0	0.4859	0	25.4962	13.76	0.95	50.1317	87.4011	0	0	0
5781	10	12.2429	67.295	0	0	0.4859	0	27.0321	12.1429	1.13964	48.1181	83.5465	0	0	0
5782	10	11.3388	67.295	0	0	0.4859	0	23.5406	13.76	1.15	50.8885	86.5428	0	0	0
5783	10	13.3286	67.295	0	0	0.4859	0	23.5599	13.76	1.15	52.3618	87.4011	0	0	0
5784	10	11.4959	54.985	0	0	0.1268	0	31.5485	13.39	1.73571	49.4779	86.2433	0	0	0
5785	10	13.4429	54.985	0	0	0.1268	0	31.5679	13.39	1.65	49.1555	86.206	0	0	0
5786	10	11.4959	54.985	0	0	0.1268	0	31.5485	13.39	1.68571	49.4779	86.2433	0	0	0
5787	10	13.4429	54.985	0	0	0.1268	0	31.5679	13.39	1.6	49.1555	86.206	0	0	0
5788	10	11.0184	54.985	0	0	0.1268	0	31.5485	13.39	1.68571	49.4779	86.2433	0	0	0
5789	10	11.5939	54.985	0	0	0.1268	0	31.5485	13.39	1.6	49.4779	86.2433	0	0	0
5790	10	13.6143	54.985	0	0	0.1268	0	31.5679	13.39	1.45	49.1555	86.206	0	0	0
5791	10	9.49761	54.985	0	0	0.1034	0	32.2039	13.35	1.13889	49.3595	86.5616	0	0	0
5792	10	10.8119	54.985	0	0	0.1034	0	32.219	13.35	1.12222	50.1854	87.1291	0	0	0
5793	10	12.5643	54.985	0	0	0.1034	0	32.2391	13.35	1.1	51.2865	87.886	0	0	0
5794	10	8.96984	54.985	0	0	0.13434	0	31.5809	13.3856	1.1	49.773	86.266	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5795	10	9.61983	54.985	0	0	0.13434	0	31.5809	13.3856	1.1	49.773	86.266	0	0	0
5796	10	11.2735	67.295	0	0	0.4859	0	23.5406	13.76	0.928571	50.8885	86.5428	0	0	0
5797	10	13.2143	67.295	0	0	0.4859	0	23.5599	13.76	0.95	52.3618	87.4011	0	0	0
5798	10	9.49761	54.985	0	0	0.1034	0	32.2039	13.35	1.1	49.3595	86.5616	0	0	0
5799	10	10.8119	54.985	0	0	0.1034	0	32.219	13.35	1.1	50.1854	87.1291	0	0	0
5800	10	9.47698	54.985	0	0	0.1144	0	31.8471	13.37	1.23889	49.1915	86.2238	0	0	0
5801	10	10.5246	54.985	0	0	0.1144	0	31.8622	13.37	1.22222	48.9135	86.1947	0	0	0
5802	10	11.9214	54.985	0	0	0.1144	0	31.8823	13.37	1.2	48.5429	86.156	0	0	0
5803	10	9.32619	54.985	0	0	0.1034	0	32.2039	13.35	1.25	49.3595	86.5616	0	0	0
5804	10	10.3833	54.985	0	0	0.1034	0	32.219	13.35	1.25	50.1854	87.1291	0	0	0
5805	10	11.7929	54.985	0	0	0.1034	0	32.2391	13.35	1.25	51.2865	87.886	0	0	0
5806	10	9.47224	54.985	0	0	0.1034	0	32.2039	13.35	1.25	49.3595	86.5616	0	0	0
5807	10	10.7484	54.985	0	0	0.1034	0	32.219	13.35	1.25	50.1854	87.1291	0	0	0
5808	10	12.45	54.985	0	0	0.1034	0	32.2391	13.35	1.25	51.2865	87.886	0	0	0
5809	10	11.4796	54.985	0	0	0.1268	0	31.5485	13.39	1.69286	49.4779	86.2433	0	0	0
5810	10	13.4143	54.985	0	0	0.1268	0	31.5679	13.39	1.65	49.1555	86.206	0	0	0
5811	10	13.1929	54.985	0	0	0.1034	0	32.2391	13.35	1.55	51.2865	87.886	0	0	0
5812	10	11.2337	54.985	0	0	0.1034	0	32.2197	13.35	1.65714	50.2247	87.1562	0	0	0
5819	10	13.8	172	0	0	0	11.1217	19.095	8.61	0.74	58.1	84.025	0	0	0
5820	10	10.8236	176.031	0	0	0	11.5663	20.9107	8.91571	0.805	55.4607	83.1786	0	0	0
5821	10	13.03	156.245	0	0	0	0.4861	26.315	12.18	0.95	47.72	82.985	0	0	0
5822	10	11.0843	148.23	0	0	0	0.4861	27.165	12.23	0.95	45.52	82.185	0	0	0
5823	10	8.49	137.545	0	0	0	0.4861	28.315	12.23	0.9	42.62	81.135	0	0	0
5830	10	13.025	130.735	0	0	0	0.1034	28.88	10.275	1.6	52.585	86.615	0	0	0
5831	10	11.0621	147.3	0	0	0	0.1034	29.88	10.325	1.65	50.1064	85.3314	0	0	0
5832	10	8.445	169.385	0	0	0	0.1034	31.23	10.425	1.7	46.785	83.67	0	0	0
5843	10	13.43	171.045	0	0	0	0.4859	22.815	10.53	1	54.895	84.73	0	0	0
5844	10	11.5271	181.29	0	0	0	0.4859	24.065	10.48	1.05	52.9607	83.6821	0	0	0
5845	10	8.99	194.945	0	0	0	0.4859	25.765	10.43	1.05	50.365	82.335	0	0	0
5853	10	10.5639	52.43	0	0	0	0.1034	31.18	8.075	1.2	49.6294	83.4672	0	0	0
5854	10	9.58055	61.765	0	0	0	0.1034	32.63	8.875	1.25	49.0128	81.7189	0	0	0
5855	10	8.925	67.985	0	0	0	0.1034	33.58	9.425	1.25	48.585	80.52	0	0	0
5856	10	11.875	39.985	0	0	0	0.1034	29.23	7.025	1.2	50.435	85.815	0	0	0
5857	10	12.305	140.295	0	0	0	0.609	24.815	9.405	1.27	51.905	83.195	0	0	0
5858	10	10.0936	167.38	0	0	0	0.609	26.415	10.455	1.27	48.255	82.245	0	0	0
5859	10	8.435	187.695	0	0	0	0.609	27.565	11.205	1.27	45.505	81.545	0	0	0
5860	10	9.30071	167.38	0	0	0	0.609	26.415	10.455	1.27	48.255	82.245	0	0	0
5861	10	12.305	215.195	0	0	0	0.609	25.265	11.905	0.82	48.105	80.195	0	0	0
5862	10	9.55929	205.54	0	0	0	0.609	26.965	11.805	0.97	46.255	79.845	0	0	0
5863	10	7.5	198.295	0	0	0	0.609	28.265	11.755	1.07	44.855	79.595	0	0	0
5864	10	7.5	205.54	0	0	0	0.609	26.965	11.805	0.97	46.255	79.845	0	0	0
5870	10	8.50929	205.54	0	0	0	0.609	26.965	11.805	0.97	46.255	79.845	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5871	10	8.435	167.38	0	0	0	0.609	26.415	10.455	1.27	48.255	82.245	0	0	0
5872	10	12.58	197.895	0	0	0	0.4859	26.215	12.28	1	50.195	83.33	0	0	0
5873	10	10.2429	183.35	0	0	0	0.4859	27.515	12.23	1.05	46.6993	81.9829	0	0	0
5874	10	8.49	172.445	0	0	0	0.4859	28.465	12.23	1.05	44.115	81.035	0	0	0
5875	10	8.49	183.35	0	0	0	0.4859	27.515	12.23	1.05	45.765	81.535	0	0	0
5876	10	9.42857	183.35	0	0	0	0.4859	27.515	12.23	1.05	46.6993	81.9829	0	0	0
5877	10	13.915	241.18	0	0	0	0.2401	26.585	10.26	1.225	53.425	83.785	0	0	0
5878	10	11.6371	245.575	0	0	0	0.2401	27.485	10.41	1.225	50.6436	82.3407	0	0	0
5879	10	8.6	251.43	0	0	0	0.2401	28.635	10.61	1.225	46.885	80.415	0	0	0
5880	10	11.9705	159.625	0	0	0	0.2401	25.785	9.66	1.325	51.528	83.249	0	0	0
5881	10	10.0445	173.085	0	0	0	0.2401	26.735	10.06	1.325	48.682	81.801	0	0	0
5882	10	8.6	183.18	0	0	0	0.2401	27.435	10.31	1.325	46.535	80.715	0	0	0
5883	10	9.4295	173.085	0	0	0	0.2401	26.735	10.06	1.325	48.682	81.801	0	0	0
5884	10	13.415	149.53	0	0	0	0.2401	25.085	9.36	1.375	53.625	84.335	0	0	0
5885	10	11.6534	165.26	0	0	0	0.3314	25.2	9.79	1.375	51.185	82.6	0	0	0
5886	10	8.83136	178.555	0	0	0	0.3314	26.2	10.24	1.325	49.535	81.8	0	0	0
5887	10	6.7148	188.52	0	0	0	0.3314	26.95	10.54	1.325	48.335	81.2	0	0	0
5888	10	7.7148	188.52	0	0	0	0.3314	26.95	10.54	1.325	48.335	81.2	0	0	0
5889	10	13.77	155.295	0	0	0	0.3314	24.45	9.44	1.375	52.385	83.2	0	0	0
5890	10	12.2999	165.26	0	0	0	0.3314	25.2	9.79	1.375	51.185	82.6	0	0	0
5891	10	10.3399	178.555	0	0	0	0.3314	26.2	10.24	1.325	49.535	81.8	0	0	0
5892	10	8.8698	188.52	0	0	0	0.3314	26.95	10.54	1.325	48.335	81.2	0	0	0
5893	10	13.835	176.195	0	0	0	0.3874	23.21	8.85	1.175	53.615	82.68	0	0	0
5894	10	11.8172	176.46	0	0	0	0.3874	24.71	9.45	1.225	52.265	82.18	0	0	0
5895	10	9.12672	176.805	0	0	0	0.3874	26.71	10.3	1.275	50.515	81.43	0	0	0
5897	10	12.58	197.345	0	0	0	0.4859	26.265	12.23	1	50.145	83.28	0	0	0
5898	10	10.2429	182.915	0	0	0	0.4859	27.515	12.23	1.05	46.6993	81.9829	0	0	0
5899	10	8.49	172.095	0	0	0	0.4859	28.465	12.23	1.05	44.065	81.035	0	0	0
5900	10	8.49	182.915	0	0	0	0.4859	27.515	12.23	1.05	45.765	81.535	0	0	0
5901	10	9.42857	182.915	0	0	0	0.4859	27.515	12.23	1.05	46.6993	81.9829	0	0	0
5902	10	13.265	198.73	0	0	0	0.2401	26.635	10.96	1.075	51.775	83.185	0	0	0
5903	10	9.97071	184.185	0	0	0	0.2401	27.935	10.91	1.125	47.8164	81.5093	0	0	0
5904	10	7.5	173.28	0	0	0	0.2401	28.885	10.91	1.125	44.885	80.315	0	0	0
5905	10	7.5	184.185	0	0	0	0.2401	27.935	10.91	1.125	46.535	80.815	0	0	0
5906	10	9.49929	184.185	0	0	0	0.2401	27.935	10.91	1.125	47.8164	81.5093	0	0	0
5907	10	10.5993	184.185	0	0	0	0.2401	27.935	10.91	1.125	47.8164	81.5093	0	0	0
5908	10	8.6	173.28	0	0	0	0.2401	28.885	10.91	1.125	44.885	80.315	0	0	0
5909	10	8.6	184.185	0	0	0	0.2401	27.935	10.91	1.125	46.535	80.815	0	0	0
5910	10	9.785	184.185	0	0	0	0.2401	27.935	10.91	1.125	47.8164	81.5093	0	0	0
5911	10	9.67714	182.915	0	0	0	0.4859	27.515	12.23	1.05	46.6993	81.9829	0	0	0
5912	10	7.5	172.095	0	0	0	0.4859	28.465	12.23	1.05	44.065	81.035	0	0	0
5913	10	7.5	182.915	0	0	0	0.4859	27.515	12.23	1.05	45.765	81.535	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5914	10	9.20571	182.915	0	0	0	0.4859	27.515	12.23	1.05	46.6993	81.9829	0	0	0
5915	10	12.2155	159.83	0	0	0	0.2401	25.985	10.21	1.175	49.628	83.249	0	0	0
5916	10	10.1495	179.63	0	0	0	0.2401	27.735	10.11	1.275	45.882	81.851	0	0	0
5917	10	8.6	194.48	0	0	0	0.2401	29.035	10.01	1.375	43.135	80.865	0	0	0
5918	10	9.4295	179.63	0	0	0	0.2401	27.735	10.11	1.275	45.882	81.851	0	0	0
5919	10	13.765	144.98	0	0	0	0.2401	24.685	10.31	1.075	52.375	84.235	0	0	0
5920	10	14.235	218.475	0	0	0	0.3174	24.575	9.985	1.175	52.945	82.59	0	0	0
5921	10	12.0003	225.415	0	0	0	0.3174	25.625	10.085	1.175	51.645	81.89	0	0	0
5922	10	9.02069	234.67	0	0	0	0.3174	27.025	10.135	1.175	49.945	80.94	0	0	0
5923	10	13.765	255.9	0	0	0	0.2401	25.135	10.26	1.175	53.025	83.135	0	0	0
5924	10	11.5657	253.735	0	0	0	0.2401	26.385	10.06	1.225	50.1936	81.7907	0	0	0
5925	10	8.63326	250.845	0	0	0	0.2401	28.035	9.81	1.275	46.335	79.965	0	0	0
5926	10	12.35	197.445	0	0	0	0.6034	26.14	11.805	0.97	50.605	81.83	0	0	0
5927	10	10.11	181.96	0	0	0	0.6034	27.44	11.805	1.02	46.7579	80.6286	0	0	0
5928	10	8.43	170.345	0	0	0	0.6034	28.44	11.755	1.02	43.81	79.74	0	0	0
5929	10	8.43	181.96	0	0	0	0.6034	27.44	11.805	1.02	45.56	80.29	0	0	0
5930	10	9.29571	181.96	0	0	0	0.6034	27.44	11.805	1.02	46.7579	80.6286	0	0	0
5931	10	14.035	171.13	0	0	0	0.3874	23.51	10.3	0.925	54.015	82.23	0	0	0
5932	10	10.9856	159.775	0	0	0	0.3874	24.46	10.5	0.975	52.115	81.88	0	0	0
5933	10	6.91966	144.63	0	0	0	0.3874	25.76	10.8	0.975	49.565	81.38	0	0	0
5934	10	7.81966	144.63	0	0	0	0.3874	25.76	10.8	0.975	49.565	81.38	0	0	0
5935	10	11.93	220.995	0	0	0	0.4859	25.165	12.43	0.95	50.245	83.33	0	0	0
5936	10	13.215	228.28	0	0	0	0.2401	25.685	11.36	0.925	52.425	82.235	0	0	0
5937	10	10.5779	217.91	0	0	0	0.2401	27.435	11.31	1.075	48.8164	80.9593	0	0	0
5938	10	8.6	210.13	0	0	0	0.2401	28.735	11.26	1.175	46.085	80.015	0	0	0
5939	10	12.35	199.895	0	0	0	0.6034	26.09	11.905	0.97	50.705	81.83	0	0	0
5940	10	10.11	183.98	0	0	0	0.6034	27.44	11.855	1.02	46.8079	80.6286	0	0	0
5941	10	8.43	172.045	0	0	0	0.6034	28.39	11.855	1.07	43.86	79.74	0	0	0
5942	10	9.29571	183.98	0	0	0	0.6034	27.44	11.855	1.02	46.8079	80.6286	0	0	0
5943	10	10.235	217.91	0	0	0	0.2401	27.435	11.31	1.075	48.8164	80.9593	0	0	0
5944	10	8	210.13	0	0	0	0.2401	28.735	11.26	1.175	46.085	80.015	0	0	0
5945	10	14.305	276.08	0	0	0	0.701	23.825	10.575	1.175	53.375	82.415	0	0	0
5946	10	12.0486	272.715	0	0	0	0.701	25.275	10.375	1.225	51.675	81.715	0	0	0
5947	10	9.04	268.23	0	0	0	0.701	27.175	10.075	1.275	49.475	80.765	0	0	0
5948	10	6.7	187.695	0	0	0	0.609	27.565	11.205	1.27	45.505	81.545	0	0	0
5949	10	13.08	162.795	0	0	0	0.4859	26.165	12.43	0.95	50.195	83.98	0	0	0
5950	10	11.1129	153.54	0	0	0	0.4859	27.015	12.48	0.95	47.0607	82.7321	0	0	0
5951	10	8.49	141.195	0	0	0	0.4859	28.065	12.53	0.9	42.865	81.035	0	0	0
5952	10	12.48	220.995	0	0	0	0.4859	25.165	12.43	0.95	50.245	83.33	0	0	0
5953	10	8.49	230.495	0	0	0	0.4859	28.015	11.98	1.05	44.665	81.235	0	0	0
5954	10	12.35	188.545	0	0	0	0.6034	26.24	11.605	0.97	50.355	81.88	0	0	0
5955	10	10.11	174.345	0	0	0	0.6034	27.54	11.555	1.02	46.5579	80.7286	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5956	10	8.43	163.695	0	0	0	0.6034	28.49	11.505	1.02	43.71	79.89	0	0	0
5957	10	8.43	174.345	0	0	0	0.6034	27.54	11.555	1.02	45.36	80.39	0	0	0
5958	10	9.29571	174.345	0	0	0	0.6034	27.54	11.555	1.02	46.5579	80.7286	0	0	0
5959	10	11.93	230.495	0	0	0	0.4859	28.015	11.98	1.05	46.845	82.28	0	0	0
5960	10	11.83	139.435	0	0	0	0.0576	22.355	9.185	1.365	54.0325	85.945	0	0	0
5961	10	10.3167	158.055	0	0	0	0.0576	24.205	10.285	1.415	50.3925	84.9417	0	0	0
5962	10	9.18167	172.015	0	0	0	0.0576	25.605	11.135	1.465	47.625	84.1767	0	0	0
5963	10	8.425	172.015	0	0	0	0.0576	25.605	11.135	1.465	46.98	84	0	0	0
5964	10	8.425	181.325	0	0	0	0.0576	26.505	11.685	1.515	45.78	83.7	0	0	0
5965	10	8.82417	172.015	0	0	0	0.0576	25.605	11.135	1.465	47.625	84.1767	0	0	0
5966	10	12.965	125.475	0	0	0	0.0576	20.955	8.335	1.315	56.8	86.71	0	0	0
5967	10	13.21	153.595	0	0	0	0.5804	26.04	12.095	0.95	48.31	83.035	0	0	0
5968	10	11.2664	145.99	0	0	0	0.5804	26.89	12.145	0.95	46.16	82.285	0	0	0
5969	10	8.675	135.845	0	0	0	0.5804	28.04	12.195	0.9	43.26	81.235	0	0	0
5970	10	13.33	241.795	0	0	0	0.4859	26.315	11.58	1.15	52.095	84.33	0	0	0
5971	10	11.2557	246.125	0	0	0	0.4859	27.215	11.78	1.15	49.6107	83.1321	0	0	0
5972	10	8.49	251.895	0	0	0	0.4859	28.365	11.98	1.15	46.365	81.485	0	0	0
5973	10	13.175	155.025	0	0	0	0.0587	24.56	9.29	1.565	51.47	86.305	0	0	0
5974	10	11.753	166.56	0	0	0	0.0587	25.26	9.34	1.565	50.22	85.655	0	0	0
5975	10	9.857	181.94	0	0	0	0.0587	26.21	9.44	1.565	48.57	84.855	0	0	0
5976	10	8.435	193.475	0	0	0	0.0587	26.91	9.49	1.615	47.32	84.205	0	0	0
5977	10	12.4	208.245	0	0	0	0.6034	26.54	12.205	1.12	49.005	82.58	0	0	0
5978	10	10.1314	211.56	0	0	0	0.6034	28.29	11.705	1.12	45.3079	81.0786	0	0	0
5979	10	8.43	214.045	0	0	0	0.6034	29.59	11.355	1.12	42.56	79.94	0	0	0
5980	10	8.43	211.56	0	0	0	0.6034	28.29	11.705	1.12	44.11	80.74	0	0	0
5981	10	9.29571	211.56	0	0	0	0.6034	28.29	11.705	1.12	45.3079	81.0786	0	0	0
5982	10	8.99	230.495	0	0	0	0.4859	28.015	11.98	1.05	44.665	81.235	0	0	0
5983	10	12.58	199.245	0	0	0	0.4859	26.215	12.28	1	50.195	83.28	0	0	0
5984	10	10.2429	184.5	0	0	0	0.4859	27.515	12.28	1.05	46.7493	81.9829	0	0	0
5985	10	8.49	173.445	0	0	0	0.4859	28.465	12.28	1.05	44.115	80.985	0	0	0
5986	10	8.49	184.5	0	0	0	0.4859	27.515	12.28	1.05	45.815	81.535	0	0	0
5987	10	9.42857	184.5	0	0	0	0.4859	27.515	12.28	1.05	46.7493	81.9829	0	0	0
5988	10	14.065	224.98	0	0	0	0.2401	25.935	9.66	1.275	52.925	83.735	0	0	0
5989	10	11.8021	226.585	0	0	0	0.2401	27.335	9.86	1.275	50.0936	82.3407	0	0	0
5990	10	8.785	228.73	0	0	0	0.2401	29.185	10.11	1.325	46.335	80.515	0	0	0
5991	10	11.743	167.18	0	0	0	0.0576	25.155	9.435	1.565	53.039	86.392	0	0	0
5992	10	9.847	182.72	0	0	0	0.0576	26.155	9.485	1.565	49.791	85.168	0	0	0
5993	10	8.425	194.375	0	0	0	0.0576	26.855	9.535	1.615	47.43	84.2	0	0	0
5994	10	13.165	155.525	0	0	0	0.0576	24.455	9.385	1.515	55.45	87.36	0	0	0
5995	10	11.8513	159.775	0	0	0	0.3874	24.46	10.5	0.975	52.115	81.88	0	0	0
5996	10	8.93966	144.63	0	0	0	0.3874	25.76	10.8	0.975	49.565	81.38	0	0	0
5997	10	8.64	183.785	0	0	0	0.1268	32.805	11.495	1.8	45.175	83.075	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5998	10	13.32	227.185	0	0	0	0.1268	30.005	10.695	1.6	48.775	84.475	0	0	0
5999	10	11.3143	208.585	0	0	0	0.1268	31.205	11.045	1.65	47.225	83.875	0	0	0
6000	10	7.5	183.785	0	0	0	0.1268	32.805	11.495	1.8	45.175	83.075	0	0	0
6001	10	8.1	183.785	0	0	0	0.1268	32.805	11.495	1.8	45.175	83.075	0	0	0
6002	10	12.3	140.295	0	0	0	0.6034	24.84	9.405	1.27	54.655	83.98	0	0	0
6003	10	10.58	161.36	0	0	0	0.6034	26.09	10.205	1.27	50.5628	82.8789	0	0	0
6004	10	9.29	177.16	0	0	0	0.6034	26.99	10.805	1.27	47.4811	82.1156	0	0	0
6005	10	8.43	177.16	0	0	0	0.6034	26.99	10.805	1.27	46.86	81.94	0	0	0
6006	10	8.43	187.695	0	0	0	0.6034	27.59	11.205	1.27	45.46	81.54	0	0	0
6007	10	11.8387	138.9	0	0	0	0.0584	22.325	9.14	1.365	51.145	85.155	0	0	0
6008	10	10.3237	157.065	0	0	0	0.0584	24.175	10.24	1.415	48.795	84.555	0	0	0
6009	10	9.1875	170.69	0	0	0	0.0584	25.525	11.04	1.465	46.995	84.055	0	0	0
6010	10	8.43	170.69	0	0	0	0.0584	25.525	11.04	1.465	46.995	84.055	0	0	0
6011	10	8.43	179.775	0	0	0	0.0584	26.425	11.59	1.515	45.795	83.755	0	0	0
6012	10	8.83	170.69	0	0	0	0.0584	25.525	11.04	1.465	46.995	84.055	0	0	0
6013	10	12.975	125.275	0	0	0	0.0584	20.975	8.34	1.315	52.945	85.655	0	0	0
6014	10	11.5387	150.15	0	0	0	0.0584	22.925	13.19	1.465	50.045	87.105	0	0	0
6015	10	10.1571	163.315	0	0	0	0.0584	24.475	12.49	1.465	48.145	85.605	0	0	0
6016	10	9.12083	173.19	0	0	0	0.0584	25.675	11.94	1.515	46.745	84.505	0	0	0
6017	10	8.43	173.19	0	0	0	0.0584	25.675	11.94	1.515	46.745	84.505	0	0	0
6018	10	8.82083	173.19	0	0	0	0.0584	25.675	11.94	1.515	46.745	84.505	0	0	0
6019	10	12.575	140.275	0	0	0	0.0584	21.775	13.69	1.465	51.445	88.205	0	0	0
6020	10	10.8257	208.585	0	0	0	0.1268	31.205	11.045	1.65	47.225	83.875	0	0	0
6021	10	11.743	166.825	0	0	0	0.0576	25.355	9.335	1.565	52.789	86.392	0	0	0
6022	10	9.847	182.225	0	0	0	0.0576	26.305	9.385	1.565	49.591	85.168	0	0	0
6023	10	8.425	193.775	0	0	0	0.0576	27.005	9.485	1.615	47.18	84.2	0	0	0
6024	10	13.165	155.275	0	0	0	0.0576	24.655	9.285	1.565	55.2	87.36	0	0	0
6025	10	11.3063	150.15	0	0	0	0.0584	22.925	13.19	1.465	50.045	87.105	0	0	0
6026	10	9.61458	163.315	0	0	0	0.0584	24.475	12.49	1.465	48.145	85.605	0	0	0
6027	10	8.34583	173.19	0	0	0	0.0584	25.675	11.94	1.515	46.745	84.505	0	0	0
6028	10	7.5	173.19	0	0	0	0.0584	25.675	11.94	1.515	46.745	84.505	0	0	0
6029	10	7.5	179.775	0	0	0	0.0584	26.425	11.59	1.515	45.795	83.755	0	0	0
6030	10	8.54583	173.19	0	0	0	0.0584	25.675	11.94	1.515	46.745	84.505	0	0	0
6031	10	13.62	139.885	0	0	0	0.1268	28.955	9.995	1.45	53.975	85.925	0	0	0
6032	10	11.4857	158.7	0	0	0	0.1268	30.605	10.645	1.6	50.225	84.725	0	0	0
6033	10	10.4617	58.54	0	0	0	0.1034	28.18	9.125	1.1	48.6294	86.7172	0	0	0
6034	10	9.25167	61.205	0	0	0	0.1034	28.38	8.925	1.1	47.6628	85.9689	0	0	0
6035	10	8.445	62.985	0	0	0	0.1034	28.53	8.825	1.1	46.985	85.47	0	0	0
6036	10	12.075	54.985	0	0	0	0.1034	27.88	9.325	1.1	49.935	87.715	0	0	0
6037	10	8.60222	61.205	0	0	0	0.131051	27.9878	8.94278	1.1	48.0594	85.8211	0	0	0
6038	10	7.5	62.985	0	0	0	0.1034	28.53	8.825	1.1	46.985	85.47	0	0	0
6039	10	8.1	62.985	0	0	0	0.1034	28.53	8.825	1.1	46.985	85.47	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6043	10	9.33722	61.205	0	0	0	0.131051	27.9878	8.94278	1.1	48.0594	85.8211	0	0	0
6044	10	13.08	167.845	0	0	0	0.4859	26.065	12.63	0.95	50.445	83.93	0	0	0
6045	10	11.1129	157.665	0	0	0	0.4859	26.865	12.68	0.95	47.2607	82.6321	0	0	0
6046	10	8.49	144.095	0	0	0	0.4859	27.915	12.73	0.9	43.065	80.985	0	0	0
6047	10	13.13	166.945	0	0	0	0.4859	26.265	12.63	0.95	50.595	84.33	0	0	0
6048	10	11.1414	157.045	0	0	0	0.4859	27.065	12.63	0.95	47.4107	83.0821	0	0	0
6049	10	8.49	143.845	0	0	0	0.4859	28.115	12.68	0.9	43.165	81.385	0	0	0
6052	10	11.1739	64.865	0	0	0	0.1144	30.155	9.685	1.2	49.17	82.1	0	0	0
6053	10	9.89056	66.795	0	0	0	0.1144	32.105	9.535	1.25	49.12	81.2	0	0	0
6054	10	9.035	68.085	0	0	0	0.1144	33.405	9.435	1.25	49.02	80.55	0	0	0
6055	10	12.885	62.285	0	0	0	0.1144	27.555	9.885	1.2	49.32	83.3	0	0	0
6056	10	10.5306	72.905	0	0	0	0.1034	31.48	10.025	1.25	47.1294	81.5172	0	0	0
6057	10	9.37222	72.625	0	0	0	0.1034	31.98	10.275	1.25	45.7628	80.9689	0	0	0
6058	10	8.6	72.435	0	0	0	0.1034	32.28	10.425	1.25	44.835	80.62	0	0	0
6059	10	12.075	73.285	0	0	0	0.1034	30.88	9.725	1.25	48.985	82.215	0	0	0
6060	10	13.13	166.345	0	0	0	0.4859	26.265	12.58	0.95	50.595	84.33	0	0	0
6061	10	11.1414	156.575	0	0	0	0.4859	27.065	12.63	0.95	47.4107	83.0821	0	0	0
6062	10	8.49	143.545	0	0	0	0.4859	28.165	12.68	0.9	43.165	81.385	0	0	0
6063	10	9.92389	66.795	0	0	0	0.144945	31.8928	9.545	1.25	49.54	81.2278	0	0	0
6064	10	13.27	227.185	0	0	0	0.1268	30.005	10.695	1.6	48.775	84.475	0	0	0
6065	10	11.2857	208.585	0	0	0	0.1268	31.205	11.045	1.65	47.225	83.875	0	0	0
6071	10	14.235	221.88	0	0	0	0.3174	24.475	9.635	1.175	52.945	82.59	0	0	0
6072	10	12.0321	210.995	0	0	0	0.3174	25.675	9.585	1.225	51.895	82.44	0	0	0
6073	10	9.095	196.48	0	0	0	0.3174	27.325	9.535	1.325	50.445	82.29	0	0	0
6074	10	13.27	134.485	0	0	0	0.1268	28.355	10.295	1.6	52.075	85.675	0	0	0
6075	10	11.2857	151.755	0	0	0	0.1268	29.455	10.395	1.65	50.225	84.775	0	0	0
6076	10	8.64	174.785	0	0	0	0.1268	30.905	10.495	1.7	47.725	83.525	0	0	0
6077	10	14.385	183.795	0	0	0	0.3874	23.86	9.9	1.225	53.715	82.63	0	0	0
6078	10	12.1452	187.8	0	0	0	0.3874	24.61	9.8	1.225	52.415	82.13	0	0	0
6079	10	9.15872	193.14	0	0	0	0.3874	25.56	9.65	1.275	50.615	81.48	0	0	0
6080	10	8.445	188.385	0	0	0	0.1034	28.78	10.575	1.45	52.885	85.52	0	0	0
6081	10	13.225	222.985	0	0	0	0.1034	30.38	10.575	1.55	49.435	85.315	0	0	0
6082	10	11.2557	203.87	0	0	0	0.1034	31.63	10.925	1.65	47.1564	84.3314	0	0	0
6083	10	8.63	178.385	0	0	0	0.1034	33.28	11.325	1.8	44.185	83.07	0	0	0
6085	10	13.4	106.5	0	0	0	11.1217	17.99	9.92	0.58	56.6	83.95	0	0	0
6086	10	10.6186	94.0714	0	0	0	11.5663	19.1214	10.6314	0.61	53.3214	83.4571	0	0	0
6087	10	6.91	77.5	0	0	0	12.1711	20.63	11.58	0.65	48.95	82.8	0	0	0
6088	10	12.55	79.97	0	0	0	0.1034	34.16	13.35	1.7	49.07	85.83	0	0	0
6089	10	10.6814	79.97	0	0	0	0.1034	34.16	13.35	1.7	47.6129	85.0629	0	0	0
6090	10	8.19	79.97	0	0	0	0.1034	34.16	13.35	1.7	45.67	84.04	0	0	0
6091	10	7.2	68.13	0	0	0	0.3314	24.455	9.65	1.325	53.0931	81.6207	0	0	0
6093	10	10.2857	48.6475	0	0	0	0.4859	29.0514	10.1043	0.992857	45.4788	80.7518	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6094	10	10.2857	48.6475	0	0	0	0.4859	29.0514	10.1793	0.992857	45.5217	80.7197	0	0	0
6098	10	12.66	104.59	0	0	0	0.4859	25.43	13.76	1.1	50.19	85.36	0	0	0
6099	10	10.7829	104.59	0	0	0	0.4859	25.43	13.76	1.1	48.3214	84.4643	0	0	0
6100	10	8.28	104.59	0	0	0	0.4859	25.43	13.76	1.1	45.83	83.27	0	0	0
6110	10	10.6122	79.97	0	0	0	0.1034	34.16	13.35	1.7	47.5589	85.0344	0	0	0
6111	10	9.15889	79.97	0	0	0	0.1034	34.16	13.35	1.7	46.4256	84.4378	0	0	0
6112	10	12.21	92.29	0	0	0	0.609	25.43	12.51	1.04	45.21	80.89	0	0	0
6113	10	9.90143	92.29	0	0	0	0.609	25.43	12.51	1.04	45.21	80.89	0	0	0
6114	10	8.17	92.29	0	0	0	0.609	25.43	12.51	1.04	45.21	80.89	0	0	0
6115	10	9.51857	92.29	0	0	0	0.609	25.43	12.51	1.04	45.21	80.89	0	0	0
6116	10	7.5	92.29	0	0	0	0.609	25.43	12.51	1.04	45.21	80.89	0	0	0
6123	10	10.1571	104.59	0	0	0	0.4859	25.43	13.76	1.1	47.6986	84.1657	0	0	0
6124	10	14.03	106.26	0	0	0	0.2401	26.27	11.12	1.25	53.35	85.07	0	0	0
6125	10	11.66	106.26	0	0	0	0.2401	26.27	11.12	1.25	50.7871	83.6814	0	0	0
6126	10	8.5	106.26	0	0	0	0.2401	26.27	11.12	1.25	47.37	81.83	0	0	0
6127	10	12.371	106.26	0	0	0	0.2401	26.27	11.12	1.25	51.556	84.098	0	0	0
6128	10	10.159	106.26	0	0	0	0.2401	26.27	11.12	1.25	49.164	82.802	0	0	0
6129	10	12.188	106.26	0	0	0	0.3314	25	11.18	1.25	49.87	82	0	0	0
6130	10	9.052	106.26	0	0	0	0.3314	25	11.18	1.25	49.87	82	0	0	0
6131	10	6.7	106.26	0	0	0	0.3314	25	11.18	1.25	49.87	82	0	0	0
6132	10	14.54	106.26	0	0	0	0.3314	25	11.18	1.25	49.87	82	0	0	0
6133	10	12.881	106.26	0	0	0	0.3314	25	11.18	1.25	49.87	82	0	0	0
6134	10	10.669	106.26	0	0	0	0.3314	25	11.18	1.25	49.87	82	0	0	0
6135	10	9.01	106.26	0	0	0	0.3314	25	11.18	1.25	49.87	82	0	0	0
6136	10	14.67	106.26	0	0	0	0.3874	24.52	11.2	1.25	50.83	82.06	0	0	0
6137	10	12.3	106.26	0	0	0	0.3874	24.52	11.2	1.25	50.83	82.06	0	0	0
6138	10	9.14	106.26	0	0	0	0.3874	24.52	11.2	1.25	50.83	82.06	0	0	0
6140	10	10.2986	106.26	0	0	0	0.2401	26.27	11.12	1.25	49.9329	83.2186	0	0	0
6141	10	7.5	106.26	0	0	0	0.2401	26.27	11.12	1.25	47.37	81.83	0	0	0
6142	10	10.87	106.26	0	0	0	0.2401	26.27	11.12	1.25	49.9329	83.2186	0	0	0
6143	10	9.71143	104.59	0	0	0	0.4859	25.43	13.76	1.1	47.6986	84.1657	0	0	0
6144	10	7.5	104.59	0	0	0	0.4859	25.43	13.76	1.1	45.83	83.27	0	0	0
6145	10	14.47	106.26	0	0	0	0.3174	25.15	11.17	1.25	49.59	81.98	0	0	0
6146	10	12.1	106.26	0	0	0	0.3174	25.15	11.17	1.25	49.59	81.98	0	0	0
6147	10	8.94	106.26	0	0	0	0.3174	25.15	11.17	1.25	49.59	81.98	0	0	0
6148	10	12.2	92.29	0	0	0	0.6034	25.48	12.51	1.04	50.71	82.46	0	0	0
6149	10	9.89143	92.29	0	0	0	0.6034	25.48	12.51	1.04	47.5157	81.5571	0	0	0
6150	10	8.16	92.29	0	0	0	0.6034	25.48	12.51	1.04	45.12	80.88	0	0	0
6151	10	11.34	106.26	0	0	0	0.3874	24.52	11.2	1.25	50.83	82.06	0	0	0
6152	10	6.9	106.26	0	0	0	0.3874	24.52	11.2	1.25	50.83	82.06	0	0	0
6153	10	14.91	106.26	0	0	0	0.701	23.25	11.25	1.25	53.35	82.23	0	0	0
6154	10	12.54	106.26	0	0	0	0.701	23.25	11.25	1.25	53.35	82.23	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6155	10	9.38	106.26	0	0	0	0.701	23.25	11.25	1.25	53.35	82.23	0	0	0
6156	10	9.41714	92.29	0	0	0	1.03244	23.9986	12.5743	1.04	48.0386	81.0743	0	0	0
6157	10	6.7	92.29	0	0	0	0.609	25.43	12.51	1.04	45.21	80.89	0	0	0
6158	10	12.44	92.29	0	0	0	0.6885	24.91	12.54	1.04	46.25	80.95	0	0	0
6159	10	10.1314	92.29	0	0	0	0.6885	24.91	12.54	1.04	46.25	80.95	0	0	0
6160	10	8.4	92.29	0	0	0	0.6885	24.91	12.54	1.04	46.25	80.95	0	0	0
6161	10	11.66	128.55	0	0	0	0.0576	25.31	11.57	1.53	52.765	86.79	0	0	0
6162	10	10.1	128.55	0	0	0	0.0576	25.31	11.57	1.53	50.185	86.0833	0	0	0
6163	10	8.93	128.55	0	0	0	0.0576	25.31	11.57	1.53	48.25	85.5533	0	0	0
6164	10	8.15	128.55	0	0	0	0.0576	25.31	11.57	1.53	46.96	85.2	0	0	0
6165	10	12.83	128.55	0	0	0	0.0576	25.31	11.57	1.53	54.7	87.32	0	0	0
6166	10	13.02	104.59	0	0	0	0.5804	24.68	13.79	1.1	47.32	83.37	0	0	0
6167	10	11.1471	104.59	0	0	0	0.5804	24.68	13.79	1.1	47.32	83.37	0	0	0
6168	10	8.65	104.59	0	0	0	0.5804	24.68	13.79	1.1	47.32	83.37	0	0	0
6169	10	9.16	92.29	0	0	0	0.6885	24.91	12.54	1.04	46.25	80.95	0	0	0
6170	10	6.7	92.29	0	0	0	0.6885	24.91	12.54	1.04	46.25	80.95	0	0	0
6171	10	12.85	128.55	0	0	0	0.0587	25.22	11.58	1.53	47.14	85.21	0	0	0
6172	10	11.446	128.55	0	0	0	0.0587	25.22	11.58	1.53	47.14	85.21	0	0	0
6173	10	9.574	128.55	0	0	0	0.0587	25.22	11.58	1.53	47.14	85.21	0	0	0
6174	10	8.17	128.55	0	0	0	0.0587	25.22	11.58	1.53	47.14	85.21	0	0	0
6175	10	11.426	128.55	0	0	0	0.0576	25.31	11.57	1.53	52.378	86.684	0	0	0
6176	10	9.554	128.55	0	0	0	0.0576	25.31	11.57	1.53	49.282	85.836	0	0	0
6177	10	11.2886	79.97	0	0	0	0.28478	31.7786	13.4586	1.7	50.3729	84.35	0	0	0
6178	10	8.58	79.97	0	0	0	0.1268	33.31	13.39	1.7	47.35	84.15	0	0	0
6179	10	12.94	79.97	0	0	0	0.1268	33.31	13.39	1.7	47.35	84.15	0	0	0
6180	10	11.0714	79.97	0	0	0	0.1268	33.31	13.39	1.7	47.35	84.15	0	0	0
6181	10	10.8257	79.97	0	0	0	0.28478	31.7786	13.4586	1.7	50.3729	84.35	0	0	0
6182	10	7.5	79.97	0	0	0	0.1268	33.31	13.39	1.7	47.35	84.15	0	0	0
6183	10	9.799	128.55	0	0	0	0.0815868	24.191	11.625	1.53	49.18	85.345	0	0	0
6184	10	10.4044	92.29	0	0	0	0.6034	25.48	12.51	1.04	48.2256	81.7578	0	0	0
6185	10	9.05778	92.29	0	0	0	0.6034	25.48	12.51	1.04	46.3622	81.2311	0	0	0
6186	10	11.6775	128.55	0	0	0	0.0584	25.25	11.58	1.53	47.09	85.21	0	0	0
6187	10	10.1142	128.55	0	0	0	0.0584	25.25	11.58	1.53	47.09	85.21	0	0	0
6188	10	8.94167	128.55	0	0	0	0.0584	25.25	11.58	1.53	47.09	85.21	0	0	0
6189	10	8.16	128.55	0	0	0	0.0584	25.25	11.58	1.53	47.09	85.21	0	0	0
6190	10	12.85	128.55	0	0	0	0.0584	25.25	11.58	1.53	47.09	85.21	0	0	0
6191	10	10.6086	79.97	0	0	0	0.1268	33.31	13.39	1.7	47.35	84.15	0	0	0
6192	10	10.5183	128.55	0	0	0	0.0970775	23.3792	11.6592	1.53	50.79	85.4558	0	0	0
6193	10	9.10333	128.55	0	0	0	0.0692829	24.5017	11.6117	1.53	48.57	85.3083	0	0	0
6194	10	8.16	128.55	0	0	0	0.0692829	25.25	11.58	1.53	47.09	85.21	0	0	0
6196	10	11.5125	128.55	0	0	0	0.0584	25.25	11.58	1.53	47.09	85.21	0	0	0
6197	10	9.72917	128.55	0	0	0	0.0584	25.25	11.58	1.53	47.09	85.21	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6198	10	8.39167	128.55	0	0	0	0.0584	25.25	11.58	1.53	47.09	85.21	0	0	0
6199	10	7.5	128.55	0	0	0	0.0584	25.25	11.58	1.53	47.09	85.21	0	0	0
6200	10	10.7333	79.97	0	0	0	0.223281	32.1989	13.4389	1.7	49.5422	84.2956	0	0	0
6201	10	8.79333	79.97	0	0	0	0.131051	33.3756	13.3856	1.7	47.2189	84.1422	0	0	0
6202	10	7.5	79.97	0	0	0	0.1034	34.16	13.35	1.7	45.67	84.04	0	0	0
6203	10	11.04	79.97	0	0	0	0.223281	32.1989	13.4389	1.7	49.5422	84.2956	0	0	0
6204	10	9.33	79.97	0	0	0	0.131051	33.3756	13.3856	1.7	47.2189	84.1422	0	0	0
6208	10	10.8322	79.97	0	0	0	0.1144	33.71	13.37	1.7	46.54	84.1	0	0	0
6209	10	9.37889	79.97	0	0	0	0.1144	33.71	13.37	1.7	46.54	84.1	0	0	0
6210	10	8.41	79.97	0	0	0	0.1144	33.71	13.37	1.7	46.54	84.1	0	0	0
6211	10	12.77	79.97	0	0	0	0.1144	33.71	13.37	1.7	46.54	84.1	0	0	0
6212	10	10.9989	79.97	0	0	0	0.2467	32.6489	13.42	1.7	48.64	84.2389	0	0	0
6213	10	9.44556	79.97	0	0	0	0.144945	33.2856	13.39	1.7	47.38	84.1556	0	0	0
6222	10	11.1214	79.97	0	0	0	0.231173	32.1429	13.4414	1.7	49.6529	84.3029	0	0	0
6224	10	13.4116	87.375	0	0	0	11.1217	18.2602	10.4371	0.641251	56.7927	85.3712	0	0	0
6225	10	10.63	78.0536	0	0	0	11.5663	19.2302	10.7766	0.650356	53.5638	84.9488	0	0	0
6226	10	6.92123	65.625	0	0	0	12.1711	20.5235	11.2293	0.662497	49.2586	84.3855	0	0	0
6227	10	12.8286	67.4775	0	0	0	0.1034	33.1996	13.35	1.7	50.1783	86.858	0	0	0
6228	10	10.933	67.4775	0	0	0	0.1034	33.1899	13.35	1.71071	48.9188	86.1096	0	0	0
6229	10	8.40571	67.4775	0	0	0	0.1034	33.1769	13.35	1.725	47.2394	85.1116	0	0	0
6230	10	7.55714	85.9425	0	0	0	0.3314	23.9976	9.78786	1	53.0987	82.4652	0	0	0
6231	10	10.9735	138.007	0	0	0	0.4859	28.0833	10.1043	1.225	46.5938	81.782	0	0	0
6232	10	10.5694	138.229	0	0	0	0.4859	28.0028	10.0642	1.21321	47.0836	81.9458	0	0	0
6236	10	12.88	85.9425	0	0	0	0.4859	25.4631	13.76	1.05	50.1609	86.3806	0	0	0
6237	10	10.9343	85.9425	0	0	0	0.4859	25.4631	13.76	1.06071	48.2923	85.5035	0	0	0
6238	10	8.34	85.9425	0	0	0	0.4859	25.4631	13.76	1.075	45.8009	84.3341	0	0	0
6248	10	10.6803	67.4775	0	0	0	0.1034	33.1895	13.35	1.46111	48.8721	86.0818	0	0	0
6249	10	9.31556	67.4775	0	0	0	0.1034	33.182	13.35	1.46944	47.8925	85.4997	0	0	0
6250	10	8.40571	67.4775	0	0	0	0.1034	33.1769	13.35	1.475	47.2394	85.1116	0	0	0
6251	10	12.5	67.4775	0	0	0	0.1034	33.1996	13.35	1.45	50.1783	86.858	0	0	0
6252	10	12.2371	76.7175	0	0	0	0.609	25.4814	12.51	1.155	45.1574	81.9062	0	0	0
6253	10	9.95633	76.7175	0	0	0	0.609	25.4814	12.51	1.155	45.1549	81.9311	0	0	0
6254	10	8.24571	76.7175	0	0	0	0.609	25.4814	12.51	1.155	45.1531	81.9498	0	0	0
6255	10	12.38	76.7175	0	0	0	0.609	24.5133	12.51	0.93	46.2724	81.9062	0	0	0
6256	10	9.67306	76.7175	0	0	0	0.609	24.5003	12.51	1.00143	46.5335	81.9311	0	0	0
6257	10	7.64286	76.7175	0	0	0	0.609	24.4906	12.51	1.055	46.7293	81.9498	0	0	0
6264	10	12.6371	85.9425	0	0	0	0.4859	25.4631	13.76	1.05	50.1609	86.3806	0	0	0
6265	10	10.1816	85.9425	0	0	0	0.4859	25.4631	13.76	1.06429	47.6695	85.2112	0	0	0
6266	10	12.78	85.9425	0	0	0	0.4859	24.495	13.76	1.05	51.2759	86.3806	0	0	0
6267	10	10.3245	85.9425	0	0	0	0.4859	24.482	13.76	1.06429	49.048	85.2112	0	0	0
6268	10	8.48286	85.9425	0	0	0	0.4859	24.4723	13.76	1.075	47.3771	84.3341	0	0	0
6269	10	12.38	76.7175	0	0	0	0.609	24.5133	12.51	1.155	46.2724	81.9062	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6270	10	10.0992	76.7175	0	0	0	0.609	24.5003	12.51	1.155	46.5335	81.9311	0	0	0
6271	10	8.38857	76.7175	0	0	0	0.609	24.4906	12.51	1.155	46.7293	81.9498	0	0	0
6272	10	14.14	87.195	0	0	0	0.2401	25.3191	11.12	1.2375	54.4499	86.0952	0	0	0
6273	10	11.7963	87.195	0	0	0	0.2401	25.3094	11.12	1.2375	52.0846	84.7253	0	0	0
6274	10	8.67143	87.195	0	0	0	0.2401	25.2965	11.12	1.2375	48.931	82.8988	0	0	0
6275	10	12.3994	87.195	0	0	0	0.2401	25.3123	11.12	1.305	52.7942	85.1363	0	0	0
6276	10	10.2691	87.195	0	0	0	0.2401	25.3033	11.12	1.295	50.5867	83.8577	0	0	0
6277	10	8.67143	87.195	0	0	0	0.2401	25.2965	11.12	1.2875	48.931	82.8988	0	0	0
6278	10	13.9971	87.195	0	0	0	0.2401	25.3191	11.12	1.3125	54.4499	86.0952	0	0	0
6279	10	12.1769	87.195	0	0	0	0.3314	24.1435	11.18	1.305	50.763	83.0383	0	0	0
6280	10	9.12886	87.195	0	0	0	0.3314	24.1344	11.18	1.295	50.8967	83.0557	0	0	0
6281	10	6.84286	87.195	0	0	0	0.3314	24.1276	11.18	1.2875	50.9969	83.0688	0	0	0
6282	10	14.4629	87.195	0	0	0	0.3314	24.1503	11.18	1.3125	50.6628	83.0252	0	0	0
6283	10	12.8566	87.195	0	0	0	0.3314	24.1435	11.18	1.305	50.763	83.0383	0	0	0
6284	10	10.7149	87.195	0	0	0	0.3314	24.1344	11.18	1.295	50.8967	83.0557	0	0	0
6285	10	9.10857	87.195	0	0	0	0.3314	24.1276	11.18	1.2875	50.9969	83.0688	0	0	0
6286	10	14.5743	87.195	0	0	0	0.3874	23.7076	11.2	1.2125	51.5058	83.0852	0	0	0
6287	10	12.2796	87.195	0	0	0	0.3874	23.6979	11.2	1.23393	51.6283	83.1039	0	0	0
6288	10	9.22	87.195	0	0	0	0.3874	23.685	11.2	1.2625	51.7916	83.1288	0	0	0
6290	10	13.9543	87.195	0	0	0	0.2401	25.3191	11.12	1.1625	54.4499	86.0952	0	0	0
6291	10	10.3478	87.195	0	0	0	0.2401	25.3062	11.12	1.17679	51.2963	84.2687	0	0	0
6292	10	7.64286	87.195	0	0	0	0.2401	25.2965	11.12	1.1875	48.931	82.8988	0	0	0
6293	10	10.9355	87.195	0	0	0	0.2401	25.3062	11.12	1.17679	51.2963	84.2687	0	0	0
6294	10	8.67143	87.195	0	0	0	0.2401	25.2965	11.12	1.1875	48.931	82.8988	0	0	0
6295	10	9.70163	85.9425	0	0	0	0.4859	25.4631	13.76	1.06429	47.6695	85.2112	0	0	0
6296	10	7.5	85.9425	0	0	0	0.4859	25.4631	13.76	1.075	45.8009	84.3341	0	0	0
6297	10	12.4694	87.195	0	0	0	0.2401	25.3123	11.12	1.2075	52.7942	85.1363	0	0	0
6298	10	10.2991	87.195	0	0	0	0.2401	25.3033	11.12	1.2675	50.5867	83.8577	0	0	0
6299	10	8.67143	87.195	0	0	0	0.2401	25.2965	11.12	1.3125	48.931	82.8988	0	0	0
6300	10	14.0971	87.195	0	0	0	0.2401	25.3191	11.12	1.1625	54.4499	86.0952	0	0	0
6301	10	14.5457	87.195	0	0	0	0.3174	24.2889	11.17	1.2125	50.4181	83.0052	0	0	0
6302	10	12.1898	87.195	0	0	0	0.3174	24.2792	11.17	1.2125	50.5676	83.0239	0	0	0
6303	10	9.04857	87.195	0	0	0	0.3174	24.2662	11.17	1.2125	50.7669	83.0488	0	0	0
6304	10	9.77714	87.195	0	0	0	0.4859	25.0072	10.43	1.2125	50.908	83.3604	0	0	0
6305	10	9.48327	87.195	0	0	0	0.4859	27.0897	11.5613	1.23393	45.8491	82.1728	0	0	0
6306	10	12.3857	76.7175	0	0	0	0.6034	24.5599	12.51	1.005	51.7828	83.4762	0	0	0
6307	10	10.0967	76.7175	0	0	0	0.6034	24.547	12.51	1.01929	48.852	82.5982	0	0	0
6308	10	8.38	76.7175	0	0	0	0.6034	24.5373	12.51	1.03	46.6539	81.9398	0	0	0
6309	10	14.6314	87.195	0	0	0	0.3874	23.7076	11.2	1.0875	51.5058	83.0852	0	0	0
6310	10	11.3792	87.195	0	0	0	0.3874	23.6979	11.2	1.09821	51.6283	83.1039	0	0	0
6311	10	7.04286	87.195	0	0	0	0.3874	23.685	11.2	1.1125	51.7916	83.1288	0	0	0
6312	10	12.4514	85.9425	0	0	0	0.4859	25.2757	13.18	1.03818	50.0603	84.7553	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6313	10	13.94	87.195	0	0	0	0.2401	25.3191	11.12	1.0875	54.4499	86.0952	0	0	0
6314	10	10.9294	87.195	0	0	0	0.2401	25.3062	11.12	1.15893	51.2963	84.2687	0	0	0
6315	10	8.67143	87.195	0	0	0	0.2401	25.2965	11.12	1.2125	48.931	82.8988	0	0	0
6316	10	12.2429	76.7175	0	0	0	0.6034	25.528	12.51	1.005	50.6677	83.4762	0	0	0
6317	10	9.95388	76.7175	0	0	0	0.6034	25.528	12.51	1.03357	47.4734	82.5982	0	0	0
6318	10	8.23714	76.7175	0	0	0	0.6034	25.528	12.51	1.055	45.0777	81.9398	0	0	0
6319	10	10.8314	87.195	0	0	0	0.2401	25.3062	11.12	1.15893	51.2963	84.2687	0	0	0
6320	10	8.5	87.195	0	0	0	0.2401	25.2965	11.12	1.2125	48.931	82.8988	0	0	0
6321	10	14.88	87.195	0	0	0	0.701	22.5329	11.25	1.2125	53.7167	83.2552	0	0	0
6322	10	12.5424	87.195	0	0	0	0.701	22.5232	11.25	1.23393	53.7844	83.2739	0	0	0
6323	10	9.42571	87.195	0	0	0	0.701	22.5102	11.25	1.2625	53.8747	83.2988	0	0	0
6324	10	9.52082	76.7175	0	0	0	1.03244	23.1748	12.5743	1.155	49.0151	82.1154	0	0	0
6325	10	6.84286	76.7175	0	0	0	0.609	24.4906	12.51	1.155	46.7293	81.9498	0	0	0
6326	10	12.9229	85.9425	0	0	0	0.4859	24.495	13.76	1.025	51.2759	86.3806	0	0	0
6327	10	11.02	85.9425	0	0	0	0.4859	24.4853	13.76	1.01429	49.6049	85.5035	0	0	0
6328	10	8.48286	85.9425	0	0	0	0.4859	24.4723	13.76	1	47.3771	84.3341	0	0	0
6329	10	12.7514	85.9425	0	0	0	0.4859	24.495	13.76	1.025	51.2759	86.3806	0	0	0
6330	10	12.5914	76.7175	0	0	0	0.6885	24.0344	12.54	1.005	47.185	81.9662	0	0	0
6331	10	10.3024	76.7175	0	0	0	0.6885	24.0215	12.54	1.01929	47.4159	81.9911	0	0	0
6332	10	8.58571	76.7175	0	0	0	0.6885	24.0118	12.54	1.03	47.5891	82.0098	0	0	0
6333	10	12.78	85.9425	0	0	0	0.4859	25.4631	13.76	1.025	50.1609	86.3806	0	0	0
6334	10	10.8772	85.9425	0	0	0	0.4859	25.4631	13.76	1.01429	48.2923	85.5035	0	0	0
6335	10	8.34	85.9425	0	0	0	0.4859	25.4631	13.76	1	45.8009	84.3341	0	0	0
6336	10	12.4514	85.9425	0	0	0	0.4859	26.2311	12.9514	1.11982	49.154	84.4532	0	0	0
6337	10	11.8514	103.913	0	0	0	0.0576	24.3408	11.57	1.4725	53.9913	87.8298	0	0	0
6338	10	10.3048	103.913	0	0	0	0.0576	24.3333	11.57	1.50583	51.565	87.1376	0	0	0
6339	10	9.14476	103.913	0	0	0	0.0576	24.3276	11.57	1.53083	49.7453	86.6185	0	0	0
6340	10	8.37143	103.913	0	0	0	0.0576	24.3238	11.57	1.5475	48.5322	86.2725	0	0	0
6341	10	13.0114	103.913	0	0	0	0.0576	24.3465	11.57	1.4475	55.811	88.3489	0	0	0
6342	10	10.0967	76.7175	0	0	0	0.6034	24.547	12.51	1.03357	48.852	82.5982	0	0	0
6343	10	8.38	76.7175	0	0	0	0.6034	24.5373	12.51	1.055	46.6539	81.9398	0	0	0
6344	10	13.0743	85.9425	0	0	0	0.5804	24.7715	13.79	1.025	47.1092	84.3906	0	0	0
6345	10	11.1812	85.9425	0	0	0	0.5804	24.7715	13.79	1.01429	47.077	84.4092	0	0	0
6346	10	8.65714	85.9425	0	0	0	0.5804	24.7715	13.79	1	47.0341	84.4341	0	0	0
6347	10	13.2171	85.9425	0	0	0	0.5804	23.8034	13.79	1.025	48.2243	84.3906	0	0	0
6348	10	11.324	85.9425	0	0	0	0.5804	23.7937	13.79	1.01429	48.3897	84.4092	0	0	0
6349	10	8.8	85.9425	0	0	0	0.5804	23.7807	13.79	1	48.6103	84.4341	0	0	0
6350	10	9.30653	76.7175	0	0	0	0.6885	24.0215	12.54	1.01929	47.4159	81.9911	0	0	0
6351	10	6.84286	76.7175	0	0	0	0.6885	24.0118	12.54	1.03	47.5891	82.0098	0	0	0
6352	10	12.9943	85.9425	0	0	0	0.4859	24.495	13.76	1.125	51.2759	86.3806	0	0	0
6353	10	11.0609	85.9425	0	0	0	0.4859	24.4853	13.76	1.125	49.6049	85.5035	0	0	0
6354	10	8.48286	85.9425	0	0	0	0.4859	24.4723	13.76	1.125	47.3771	84.3341	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6355	10	12.9429	103.913	0	0	0	0.0587	25.2317	11.58	1.5725	47.114	86.2389	0	0	0
6356	10	11.5337	103.913	0	0	0	0.0587	25.2317	11.58	1.58	47.1113	86.252	0	0	0
6357	10	9.65486	103.913	0	0	0	0.0587	25.2317	11.58	1.59	47.1076	86.2694	0	0	0
6358	10	8.24571	103.913	0	0	0	0.0587	25.2317	11.58	1.5975	47.1049	86.2825	0	0	0
6359	10	12.4	76.7175	0	0	0	0.6034	24.5599	12.51	1.08	51.7828	83.4762	0	0	0
6360	10	10.1029	76.7175	0	0	0	0.6034	24.547	12.51	1.08	48.852	82.5982	0	0	0
6361	10	8.38	76.7175	0	0	0	0.6034	24.5373	12.51	1.08	46.6539	81.9398	0	0	0
6362	10	8.48286	85.9425	0	0	0	0.4859	26.2311	12.9514	1.11982	45.4169	82.6618	0	0	0
6363	10	10.9735	87.195	0	0	0	0.4859	28.0833	10.1043	1.2625	46.5938	81.782	0	0	0
6364	10	10.6428	87.195	0	0	0	0.4859	28.0028	10.0642	1.27321	47.0836	81.9458	0	0	0
6365	10	11.6594	103.913	0	0	0	0.0576	24.3397	11.57	1.58	53.6273	87.726	0	0	0
6366	10	9.78057	103.913	0	0	0	0.0576	24.3306	11.57	1.59	50.7158	86.8954	0	0	0
6367	10	8.37143	103.913	0	0	0	0.0576	24.3238	11.57	1.5975	48.5322	86.2725	0	0	0
6368	10	13.0686	103.913	0	0	0	0.0576	24.3465	11.57	1.5725	55.811	88.3489	0	0	0
6369	10	12.3122	87.195	0	0	0	0.3874	23.6979	11.2	1.09821	51.6283	83.1039	0	0	0
6370	10	9.22	87.195	0	0	0	0.3874	23.685	11.2	1.1125	51.7916	83.1288	0	0	0
6371	10	11.5188	67.4775	0	0	0	0.28478	31.0543	13.4586	1.65	51.066	85.3967	0	0	0
6372	10	8.74	67.4775	0	0	0	0.1268	32.4163	13.39	1.75	48.6289	85.2216	0	0	0
6373	10	13.1914	67.4775	0	0	0	0.1268	32.4389	13.39	1.675	48.2528	85.178	0	0	0
6374	10	11.2836	67.4775	0	0	0	0.1268	32.4292	13.39	1.71786	48.414	85.1967	0	0	0
6375	10	8.74	67.4775	0	0	0	0.1268	32.4163	13.39	1.775	48.6289	85.2216	0	0	0
6376	10	11.0486	67.4775	0	0	0	0.28478	31.0543	13.4586	1.65	51.066	85.3967	0	0	0
6377	10	7.64286	67.4775	0	0	0	0.1268	32.4163	13.39	1.75	48.6289	85.2216	0	0	0
6378	10	13.1914	67.4775	0	0	0	0.1268	32.4389	13.39	1.65	48.2528	85.178	0	0	0
6379	10	11.2836	67.4775	0	0	0	0.1268	32.4292	13.39	1.69286	48.414	85.1967	0	0	0
6380	10	10.0034	103.913	0	0	0	0.0815868	23.2941	11.625	1.56	50.3357	86.4044	0	0	0
6381	10	8.38857	103.913	0	0	0	0.0587	24.241	11.58	1.5975	48.6811	86.2825	0	0	0
6382	10	12.3714	76.7175	0	0	0	0.6034	24.5599	12.51	1.18	51.7828	83.4762	0	0	0
6383	10	10.5974	76.7175	0	0	0	0.6034	24.5498	12.51	1.18	49.5033	82.7934	0	0	0
6384	10	9.26698	76.7175	0	0	0	0.6034	24.5423	12.51	1.18	47.7937	82.2812	0	0	0
6385	10	8.38	76.7175	0	0	0	0.6034	24.5373	12.51	1.18	46.6539	81.9398	0	0	0
6386	10	11.8664	103.913	0	0	0	0.0584	24.286	11.58	1.4725	48.2987	86.2498	0	0	0
6387	10	10.3169	103.913	0	0	0	0.0584	24.2784	11.58	1.50583	48.4502	86.2643	0	0	0
6388	10	9.15476	103.913	0	0	0	0.0584	24.2728	11.58	1.53083	48.5639	86.2752	0	0	0
6389	10	8.38	103.913	0	0	0	0.0584	24.269	11.58	1.5475	48.6396	86.2825	0	0	0
6390	10	13.0286	103.913	0	0	0	0.0584	24.2916	11.58	1.4475	48.185	86.2389	0	0	0
6391	10	11.6379	103.913	0	0	0	0.0584	25.2598	11.58	1.52875	47.0684	86.2498	0	0	0
6392	10	10.1265	103.913	0	0	0	0.0584	25.2598	11.58	1.53708	47.0662	86.2643	0	0	0
6393	10	8.99286	103.913	0	0	0	0.0584	25.2598	11.58	1.54333	47.0645	86.2752	0	0	0
6394	10	8.23714	103.913	0	0	0	0.0584	25.2598	11.58	1.5475	47.0634	86.2825	0	0	0
6395	10	12.7714	103.913	0	0	0	0.0584	25.2598	11.58	1.5225	47.07	86.2389	0	0	0
6396	10	10.8135	67.4775	0	0	0	0.1268	32.4292	13.39	1.69286	48.414	85.1967	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6397	10	10.6633	103.913	0	0	0	0.0970775	22.5413	11.6592	1.50583	51.6969	86.5101	0	0	0
6398	10	9.29333	103.913	0	0	0	0.0692829	23.5779	11.6117	1.53083	49.8625	86.3735	0	0	0
6399	10	8.38	103.913	0	0	0	0.0692829	24.269	11.58	1.5475	48.6396	86.2825	0	0	0
6400	10	11.7807	103.913	0	0	0	0.0584	24.286	11.58	1.52875	48.2987	86.2498	0	0	0
6401	10	10.2693	103.913	0	0	0	0.0584	24.2784	11.58	1.53708	48.4502	86.2643	0	0	0
6402	10	9.13572	103.913	0	0	0	0.0584	24.2728	11.58	1.54333	48.5639	86.2752	0	0	0
6403	10	12.9143	103.913	0	0	0	0.0584	24.2916	11.58	1.5225	48.185	86.2389	0	0	0
6405	10	11.5964	103.913	0	0	0	0.0584	24.286	11.58	1.52875	48.2987	86.2498	0	0	0
6406	10	9.83929	103.913	0	0	0	0.0584	24.2784	11.58	1.53708	48.4502	86.2643	0	0	0
6407	10	8.52143	103.913	0	0	0	0.0584	24.2728	11.58	1.54333	48.5639	86.2752	0	0	0
6408	10	7.64286	103.913	0	0	0	0.0584	24.269	11.58	1.5475	48.6396	86.2825	0	0	0
6409	10	13.2771	67.4775	0	0	0	0.1268	32.4389	13.39	1.575	48.2528	85.178	0	0	0
6410	10	11.3326	67.4775	0	0	0	0.1268	32.4292	13.39	1.65	48.414	85.1967	0	0	0
6411	10	10.712	67.4775	0	0	0	0.1034	33.1895	13.35	1.41111	48.8721	86.0818	0	0	0
6412	10	9.32825	67.4775	0	0	0	0.1034	33.182	13.35	1.41944	47.8925	85.4997	0	0	0
6413	10	8.40571	67.4775	0	0	0	0.1034	33.1769	13.35	1.425	47.2394	85.1116	0	0	0
6414	10	12.5571	67.4775	0	0	0	0.1034	33.1996	13.35	1.4	50.1783	86.858	0	0	0
6415	10	10.7397	67.4775	0	0	0	0.223281	31.4302	13.4389	1.4	50.3807	85.343	0	0	0
6416	10	8.88158	67.4775	0	0	0	0.131051	32.4783	13.3856	1.4	48.496	85.2041	0	0	0
6417	10	7.64286	67.4775	0	0	0	0.1034	33.1769	13.35	1.4	47.2394	85.1116	0	0	0
6418	10	11.0787	67.4775	0	0	0	0.223281	31.4302	13.4389	1.4	50.3807	85.343	0	0	0
6419	10	9.47491	67.4775	0	0	0	0.131051	32.4783	13.3856	1.4	48.496	85.2041	0	0	0
6420	10	8.40571	67.4775	0	0	0	0.1034	33.1769	13.35	1.4	47.2394	85.1116	0	0	0
6421	10	12.9371	85.9425	0	0	0	0.4859	24.495	13.76	1.025	51.2759	86.3806	0	0	0
6422	10	11.0282	85.9425	0	0	0	0.4859	24.4853	13.76	1.01429	49.6049	85.5035	0	0	0
6423	10	10.712	67.4775	0	0	0	0.1034	33.1895	13.35	1.4	48.8721	86.0818	0	0	0
6424	10	9.32825	67.4775	0	0	0	0.1034	33.182	13.35	1.4	47.8925	85.4997	0	0	0
6428	10	10.6784	67.4775	0	0	0	0.1144	32.7861	13.37	1.46111	47.7268	85.1474	0	0	0
6429	10	9.42794	67.4775	0	0	0	0.1144	32.7786	13.37	1.46944	47.8658	85.1619	0	0	0
6430	10	8.59429	67.4775	0	0	0	0.1144	32.7735	13.37	1.475	47.9584	85.1716	0	0	0
6431	10	12.3457	67.4775	0	0	0	0.1144	32.7962	13.37	1.45	47.5414	85.128	0	0	0
6432	10	10.6157	103.913	0	0	0	0.0970775	22.5413	11.6592	1.53708	51.6969	86.5101	0	0	0
6433	10	9.27428	103.913	0	0	0	0.0692829	23.5779	11.6117	1.54333	49.8625	86.3735	0	0	0
6434	10	10.4978	67.4775	0	0	0	0.1034	33.1895	13.35	1.475	48.8721	86.0818	0	0	0
6435	10	9.24254	67.4775	0	0	0	0.1034	33.182	13.35	1.475	47.8925	85.4997	0	0	0
6436	10	12.1714	67.4775	0	0	0	0.1034	33.1996	13.35	1.475	50.1783	86.858	0	0	0
6437	10	10.8213	67.4775	0	0	0	0.2467	31.835	13.42	1.46111	49.5696	85.2863	0	0	0
6438	10	9.48508	67.4775	0	0	0	0.144945	32.3982	13.39	1.46944	48.6029	85.2175	0	0	0
6439	10	10.6803	67.4775	0	0	0	0.1034	33.1895	13.35	1.475	48.8721	86.0818	0	0	0
6440	10	9.31556	67.4775	0	0	0	0.1034	33.182	13.35	1.475	47.8925	85.4997	0	0	0
6441	10	12.5	67.4775	0	0	0	0.1034	33.1996	13.35	1.475	50.1783	86.858	0	0	0
6449	10	12.1898	87.195	0	0	0	0.3174	24.2792	11.17	1.24464	50.5676	83.0239	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6450	10	9.04857	87.195	0	0	0	0.3174	24.2662	11.17	1.2875	50.7669	83.0488	0	0	0
6451	10	13.1771	67.4775	0	0	0	0.1268	32.4389	13.39	1.675	48.2528	85.178	0	0	0
6452	10	11.2755	67.4775	0	0	0	0.1268	32.4292	13.39	1.69643	48.414	85.1967	0	0	0
6453	10	8.74	67.4775	0	0	0	0.1268	32.4163	13.39	1.725	48.6289	85.2216	0	0	0
6454	10	14.7314	87.195	0	0	0	0.3874	23.7076	11.2	1.2375	51.5058	83.0852	0	0	0
6455	10	12.3694	87.195	0	0	0	0.3874	23.6979	11.2	1.24821	51.6283	83.1039	0	0	0
6456	10	11.3347	67.4775	0	0	0	0.231173	31.3803	13.4414	1.65357	50.4705	85.3496	0	0	0
6457	10	12.8714	67.4775	0	0	0	0.1034	33.1996	13.35	1.625	50.1783	86.858	0	0	0
6458	10	10.9575	67.4775	0	0	0	0.1034	33.1899	13.35	1.67857	48.9188	86.1096	0	0	0
6459	10	8.40571	67.4775	0	0	0	0.1034	33.1769	13.35	1.75	47.2394	85.1116	0	0	0
6460	10	10.6415	62.0357	0	0	0	11.5663	19.339	10.9217	0.690712	53.8061	86.4404	0	0	0
6461	10	13.4232	68.25	0	0	0	11.1217	18.5304	10.9542	0.702501	56.9854	86.7925	0	0	0
6462	10	11.1847	54.985	0	0	0	0.1034	32.2197	13.35	1.72143	50.2247	87.1562	0	0	0
6463	10	13.1071	54.985	0	0	0	0.1034	32.2391	13.35	1.7	51.2865	87.886	0	0	0
6464	10	10.853	102.153	0	0	0	0.4859	26.9541	9.94918	1.25643	48.6456	83.1718	0	0	0
6465	10	11.6612	102.005	0	0	0	0.4859	27.1152	10.1043	1.25	47.7089	82.8123	0	0	0
6467	10	11.0858	67.295	0	0	0	0.4859	25.4962	13.76	1.02143	48.2631	86.5428	0	0	0
6468	10	13.1	67.295	0	0	0	0.4859	25.4962	13.76	1	50.1317	87.4011	0	0	0
6475	10	9.47224	54.985	0	0	0	0.1034	32.2039	13.35	1.23889	49.3595	86.5616	0	0	0
6476	10	10.7484	54.985	0	0	0	0.1034	32.219	13.35	1.22222	50.1854	87.1291	0	0	0
6477	10	12.45	54.985	0	0	0	0.1034	32.2391	13.35	1.2	51.2865	87.886	0	0	0
6478	10	10.0112	61.145	0	0	0	0.609	25.5327	12.51	1.27	45.0999	82.9722	0	0	0
6479	10	12.2643	61.145	0	0	0	0.609	25.5327	12.51	1.27	45.1047	82.9224	0	0	0
6480	10	9.82755	61.145	0	0	0	0.609	23.5707	12.51	0.962857	47.8569	82.9722	0	0	0
6481	10	12.55	61.145	0	0	0	0.609	23.5965	12.51	0.82	47.3348	82.9224	0	0	0
6486	10	10.2061	67.295	0	0	0	0.4859	25.4962	13.76	1.02857	47.6403	86.2566	0	0	0
6487	10	12.6143	67.295	0	0	0	0.4859	25.4962	13.76	1	50.1317	87.4011	0	0	0
6488	10	10.4918	67.295	0	0	0	0.4859	23.5341	13.76	1.02857	50.3974	86.2566	0	0	0
6489	10	12.9	67.295	0	0	0	0.4859	23.5599	13.76	1	52.3618	87.4011	0	0	0
6490	10	10.2969	61.145	0	0	0	0.609	23.5707	12.51	1.27	47.8569	82.9722	0	0	0
6491	10	12.55	61.145	0	0	0	0.609	23.5965	12.51	1.27	47.3348	82.9224	0	0	0
6492	10	11.9327	68.13	0	0	0	0.2401	24.3488	11.12	1.225	53.3821	85.7692	0	0	0
6493	10	14.25	68.13	0	0	0	0.2401	24.3682	11.12	1.225	55.5497	87.1204	0	0	0
6494	10	12.4279	68.13	0	0	0	0.2401	24.3547	11.12	1.36	54.0324	86.1746	0	0	0
6495	10	13.9643	68.13	0	0	0	0.2401	24.3682	11.12	1.375	55.5497	87.1204	0	0	0
6496	10	9.20571	68.13	0	0	0	0.3314	23.2688	11.18	1.34	51.9234	84.1114	0	0	0
6497	10	12.1657	68.13	0	0	0	0.3314	23.2869	11.18	1.36	51.6561	84.0765	0	0	0
6498	10	14.3857	68.13	0	0	0	0.3314	23.3005	11.18	1.375	51.4556	84.0504	0	0	0
6499	10	10.7607	68.13	0	0	0	0.3314	23.2688	11.18	1.34	51.9234	84.1114	0	0	0
6500	10	12.8321	68.13	0	0	0	0.3314	23.2869	11.18	1.36	51.6561	84.0765	0	0	0
6501	10	12.2592	68.13	0	0	0	0.3874	22.8758	11.2	1.21786	52.4266	84.1478	0	0	0
6502	10	14.4786	68.13	0	0	0	0.3874	22.8952	11.2	1.175	52.1817	84.1104	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6503	10	13.8786	68.13	0	0	0	0.2401	24.3682	11.12	1.075	55.5497	87.1204	0	0	0
6504	10	12.5679	68.13	0	0	0	0.2401	24.3547	11.12	1.165	54.0324	86.1746	0	0	0
6505	10	14.1643	68.13	0	0	0	0.2401	24.3682	11.12	1.075	55.5497	87.1204	0	0	0
6506	10	12.2796	68.13	0	0	0	0.3174	23.4083	11.17	1.175	51.5452	84.0678	0	0	0
6507	10	14.6214	68.13	0	0	0	0.3174	23.4277	11.17	1.175	51.2463	84.0304	0	0	0
6508	10	9.97654	68.13	0	0	0	0.4859	26.1644	11.1425	1.21786	47.0332	83.1105	0	0	0
6509	10	10.5643	68.13	0	0	0	0.4859	24.2493	10.43	1.175	51.4509	84.3858	0	0	0
6510	10	10.302	61.145	0	0	0	0.6034	23.6139	12.51	0.998571	50.1883	83.6393	0	0	0
6511	10	12.5714	61.145	0	0	0	0.6034	23.6398	12.51	0.97	52.8555	84.4924	0	0	0
6512	10	11.4184	68.13	0	0	0	0.3874	22.8758	11.2	0.946429	52.4266	84.1478	0	0	0
6513	10	14.5929	68.13	0	0	0	0.3874	22.8952	11.2	0.925	52.1817	84.1104	0	0	0
6514	10	12.2429	67.295	0	0	0	0.4859	25.1214	12.6	0.976364	49.9305	84.1507	0	0	0
6515	10	10.9888	68.13	0	0	0	0.2401	24.3424	11.12	1.06786	52.6597	85.3188	0	0	0
6516	10	13.85	68.13	0	0	0	0.2401	24.3682	11.12	0.925	55.5497	87.1204	0	0	0
6517	10	10.0163	61.145	0	0	0	0.6034	25.576	12.51	1.02714	47.4312	83.6393	0	0	0
6518	10	12.2857	61.145	0	0	0	0.6034	25.576	12.51	0.97	50.6255	84.4924	0	0	0
6519	10	10.7929	68.13	0	0	0	0.2401	24.3424	11.12	1.06786	52.6597	85.3188	0	0	0
6520	10	12.5449	68.13	0	0	0	0.701	21.7963	11.25	1.21786	54.2189	84.3178	0	0	0
6521	10	14.85	68.13	0	0	0	0.701	21.8157	11.25	1.175	54.0835	84.2804	0	0	0
6522	10	11.2572	67.295	0	0	0	0.4859	23.5406	13.76	0.928571	50.8885	86.5428	0	0	0
6523	10	13.1857	67.295	0	0	0	0.4859	23.5599	13.76	0.95	52.3618	87.4011	0	0	0
6524	10	8.68571	67.295	0	0	0	0.4859	23.5147	13.76	1.05	48.9241	85.3983	0	0	0
6525	10	12.8429	67.295	0	0	0	0.4859	23.5599	13.76	0.95	52.3618	87.4011	0	0	0
6526	10	10.4735	61.145	0	0	0	0.6885	23.133	12.54	0.998571	48.5818	83.0322	0	0	0
6527	10	12.7429	61.145	0	0	0	0.6885	23.1589	12.54	0.97	48.1199	82.9824	0	0	0
6528	10	10.9715	67.295	0	0	0	0.4859	25.4962	13.76	0.928571	48.2631	86.5428	0	0	0
6529	10	12.9	67.295	0	0	0	0.4859	25.4962	13.76	0.95	50.1317	87.4011	0	0	0
6530	10	12.2429	67.295	0	0	0	0.4859	27.0321	12.1429	1.13964	48.1181	83.5465	0	0	0
6531	10	10.5095	79.275	0	0	0	0.0576	23.3565	11.57	1.48167	52.945	88.192	0	0	0
6532	10	12.0429	79.275	0	0	0	0.0576	23.3717	11.57	1.415	55.2176	88.8696	0	0	0
6533	10	13.1929	79.275	0	0	0	0.0576	23.383	11.57	1.365	56.922	89.3778	0	0	0
6534	10	10.302	61.145	0	0	0	0.6034	23.6139	12.51	1.02714	50.1883	83.6393	0	0	0
6535	10	11.2153	67.295	0	0	0	0.5804	24.8629	13.79	0.928571	46.8341	85.4485	0	0	0
6536	10	13.1286	67.295	0	0	0	0.5804	24.8629	13.79	0.95	46.8985	85.4111	0	0	0
6537	10	11.501	67.295	0	0	0	0.5804	22.9073	13.79	0.928571	49.4594	85.4485	0	0	0
6538	10	13.4143	67.295	0	0	0	0.5804	22.9267	13.79	0.95	49.1285	85.4111	0	0	0
6539	10	9.45306	61.145	0	0	0	0.6885	23.133	12.54	0.998571	48.5818	83.0322	0	0	0
6540	10	11.3388	67.295	0	0	0	0.4859	23.5406	13.76	1.15	50.8885	86.5428	0	0	0
6541	10	13.3286	67.295	0	0	0	0.4859	23.5599	13.76	1.15	52.3618	87.4011	0	0	0
6542	10	11.6214	79.275	0	0	0	0.0587	25.2434	11.58	1.63	47.0825	87.294	0	0	0
6543	10	13.0357	79.275	0	0	0	0.0587	25.2434	11.58	1.615	47.088	87.2678	0	0	0
6544	10	10.3143	61.145	0	0	0	0.6034	23.6139	12.51	1.12	50.1883	83.6393	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6545	10	12.6	61.145	0	0	0	0.6034	23.6398	12.51	1.12	52.8555	84.4924	0	0	0
6546	10	11	68.13	0	0	0	0.4859	26.9541	9.94918	1.29643	48.6456	83.1718	0	0	0
6547	10	11.6612	68.13	0	0	0	0.4859	27.1152	10.1043	1.275	47.7089	82.8123	0	0	0
6548	10	11.8929	79.275	0	0	0	0.0576	23.3694	11.57	1.63	54.8767	88.768	0	0	0
6549	10	13.3071	79.275	0	0	0	0.0576	23.383	11.57	1.615	56.922	89.3778	0	0	0
6550	10	12.3245	68.13	0	0	0	0.3874	22.8758	11.2	0.946429	52.4266	84.1478	0	0	0
6551	10	11.749	54.985	0	0	0	0.28478	30.33	13.4586	1.6	51.7591	86.4433	0	0	0
6552	10	11.4959	54.985	0	0	0	0.1268	31.5485	13.39	1.73571	49.4779	86.2433	0	0	0
6553	10	13.4429	54.985	0	0	0	0.1268	31.5679	13.39	1.65	49.1555	86.206	0	0	0
6554	10	11.2714	54.985	0	0	0	0.28478	30.33	13.4586	1.6	51.7591	86.4433	0	0	0
6555	10	11.4959	54.985	0	0	0	0.1268	31.5485	13.39	1.68571	49.4779	86.2433	0	0	0
6556	10	13.4429	54.985	0	0	0	0.1268	31.5679	13.39	1.6	49.1555	86.206	0	0	0
6557	10	10.7905	61.145	0	0	0	0.6034	23.6197	12.51	1.32	50.7811	83.8289	0	0	0
6558	10	12.5429	61.145	0	0	0	0.6034	23.6398	12.51	1.32	52.8555	84.4924	0	0	0
6559	10	12.0554	79.275	0	0	0	0.0584	23.322	11.58	1.415	49.5074	87.2896	0	0	0
6560	10	13.2071	79.275	0	0	0	0.0584	23.3333	11.58	1.365	49.2801	87.2678	0	0	0
6561	10	11.5982	79.275	0	0	0	0.0584	25.2695	11.58	1.5275	47.0467	87.2896	0	0	0
6562	10	12.6929	79.275	0	0	0	0.0584	25.2695	11.58	1.515	47.05	87.2678	0	0	0
6563	10	11.0184	54.985	0	0	0	0.1268	31.5485	13.39	1.68571	49.4779	86.2433	0	0	0
6564	10	11.8839	79.275	0	0	0	0.0584	23.322	11.58	1.5275	49.5074	87.2896	0	0	0
6565	10	12.9786	79.275	0	0	0	0.0584	23.3333	11.58	1.515	49.2801	87.2678	0	0	0
6566	10	11.6804	79.275	0	0	0	0.0584	23.322	11.58	1.5275	49.5074	87.2896	0	0	0
6567	10	11.5939	54.985	0	0	0	0.1268	31.5485	13.39	1.6	49.4779	86.2433	0	0	0
6568	10	13.6143	54.985	0	0	0	0.1268	31.5679	13.39	1.45	49.1555	86.206	0	0	0
6569	10	9.49761	54.985	0	0	0	0.1034	32.2039	13.35	1.13889	49.3595	86.5616	0	0	0
6570	10	10.8119	54.985	0	0	0	0.1034	32.219	13.35	1.12222	50.1854	87.1291	0	0	0
6571	10	12.5643	54.985	0	0	0	0.1034	32.2391	13.35	1.1	51.2865	87.886	0	0	0
6572	10	8.96984	54.985	0	0	0	0.131051	31.5809	13.3856	1.1	49.773	86.266	0	0	0
6573	10	10.746	54.985	0	0	0	0.223281	30.6615	13.4389	1.1	51.2192	86.3903	0	0	0
6574	10	9.61983	54.985	0	0	0	0.131051	31.5809	13.3856	1.1	49.773	86.266	0	0	0
6575	10	11.1175	54.985	0	0	0	0.223281	30.6615	13.4389	1.1	51.2192	86.3903	0	0	0
6576	10	11.2735	67.295	0	0	0	0.4859	23.5406	13.76	0.928571	50.8885	86.5428	0	0	0
6577	10	13.2143	67.295	0	0	0	0.4859	23.5599	13.76	0.95	52.3618	87.4011	0	0	0
6578	10	9.49761	54.985	0	0	0	0.1034	32.2039	13.35	1.1	49.3595	86.5616	0	0	0
6579	10	10.8119	54.985	0	0	0	0.1034	32.219	13.35	1.1	50.1854	87.1291	0	0	0
6582	10	9.47698	54.985	0	0	0	0.1144	31.8471	13.37	1.23889	49.1915	86.2238	0	0	0
6583	10	10.5246	54.985	0	0	0	0.1144	31.8622	13.37	1.22222	48.9135	86.1947	0	0	0
6584	10	11.9214	54.985	0	0	0	0.1144	31.8823	13.37	1.2	48.5429	86.156	0	0	0
6585	10	9.32619	54.985	0	0	0	0.1034	32.2039	13.35	1.25	49.3595	86.5616	0	0	0
6586	10	10.3833	54.985	0	0	0	0.1034	32.219	13.35	1.25	50.1854	87.1291	0	0	0
6587	10	11.7929	54.985	0	0	0	0.1034	32.2391	13.35	1.25	51.2865	87.886	0	0	0
6588	10	9.52461	54.985	0	0	0	0.144945	31.5107	13.39	1.23889	49.8258	86.2794	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6589	10	10.6437	54.985	0	0	0	0.2467	31.0211	13.42	1.22222	50.4992	86.3336	0	0	0
6590	10	9.47224	54.985	0	0	0	0.1034	32.2039	13.35	1.25	49.3595	86.5616	0	0	0
6591	10	10.7484	54.985	0	0	0	0.1034	32.219	13.35	1.25	50.1854	87.1291	0	0	0
6592	10	12.45	54.985	0	0	0	0.1034	32.2391	13.35	1.25	51.2865	87.886	0	0	0
6594	10	12.2796	68.13	0	0	0	0.3174	23.4083	11.17	1.23929	51.5452	84.0678	0	0	0
6595	10	11.4796	54.985	0	0	0	0.1268	31.5485	13.39	1.69286	49.4779	86.2433	0	0	0
6596	10	13.4143	54.985	0	0	0	0.1268	31.5679	13.39	1.65	49.1555	86.206	0	0	0
6597	10	12.4388	68.13	0	0	0	0.3874	22.8758	11.2	1.24643	52.4266	84.1478	0	0	0
6598	10	14.7929	68.13	0	0	0	0.3874	22.8952	11.2	1.225	52.1817	84.1104	0	0	0
6599	10	11.5479	54.985	0	0	0	0.231173	30.6177	13.4414	1.60714	51.2881	86.3962	0	0	0
6600	10	13.1929	54.985	0	0	0	0.1034	32.2391	13.35	1.55	51.2865	87.886	0	0	0
6601	10	11.2337	54.985	0	0	0	0.1034	32.2197	13.35	1.65714	50.2247	87.1562	0	0	0
6602	10	12.3	152	0	0	0	0	18.3	15.8	1.4	55.8	91.2	0	0	0
6603	10	14.41	71.135	0	0	0	0	21.525	7.69	1.415	59.525	86.505	0	0	0
6604	10	12.4279	85.4221	0	0	0	0	22.7193	8.01357	1.38429	58.0093	85.6593	0	0	0
6605	10	9.785	104.47	0	0	0	0	24.345	8.395	1.41	56.005	84.515	0	0	0
6606	10	13.7	374.4	0	0	0	0	26.7	8	1.5	50.2	84.8	0	0	0
6607	10	12.2262	182.286	0	0	0	0	20.9975	9.0325	1.35125	59.32	87.1738	0	0	0
6608	10	10.3612	187.623	0	0	0	0	23.0108	9.5225	1.44958	55.5667	86.3721	0	0	0
6609	10	8.9625	191.624	0	0	0	0	24.5083	9.915	1.48583	52.7517	85.7958	0	0	0
6610	10	8.03	190.385	0	0	0	0	24.84	10.11	1.51	51.975	85.745	0	0	0
6611	10	8.03	194.295	0	0	0	0	25.54	10.16	1.51	50.925	85.445	0	0	0
6612	10	8.8175	191.624	0	0	0	0	24.5083	9.915	1.48583	52.7517	85.7958	0	0	0
6613	10	13.625	178.28	0	0	0	0	19.5	8.69	1.265	62.085	87.75	0	0	0
6614	10	13.6	374.4	0	0	0	0	26.7	8	1.5	50.2	84.8	0	0	0
6615	10	14.455	258.855	0	0	0	0	26.055	7.7	1.25	52.56	82.415	0	0	0
6616	10	11.5536	260.608	0	0	0	0	28.3871	8.17429	1.235	49.2957	81.2179	0	0	0
6617	10	7.685	262.95	0	0	0	0	31.48	8.79	1.265	44.96	79.655	0	0	0
6618	10	8.19	262.95	0	0	0	0	31.48	8.79	1.265	44.96	79.655	0	0	0
6619	10	14.67	173.615	0	0	0	0	35.61	0.76	3.005	51.215	90.33	0	0	0
6620	10	12.1623	176.17	0	0	0	0	37.54	0.99	3.27	48.465	87.94	0	0	0
6627	10	12.515	229.715	0	0	0	0	26.915	11.66	0.875	51.815	78.16	0	0	0
6628	10	9.64929	242.542	0	0	0	0	28.5264	12.44	0.875	47.935	77.8371	0	0	0
6629	10	7.5	252.16	0	0	0	0	29.76	13.1	0.875	45.075	77.595	0	0	0
6630	10	7.5	242.84	0	0	0	0	29.21	12.35	0.875	45.925	77.895	0	0	0
6631	10	12.565	122.115	0	0	0	0	25.565	8.91	1.175	55.965	81.31	0	0	0
6632	10	10.0021	149.597	0	0	0	0	28.0764	9.84	1.175	49.635	80.4371	0	0	0
6633	10	8.08	170.21	0	0	0	0	29.91	10.5	1.175	44.875	79.795	0	0	0
6634	10	9.20929	149.597	0	0	0	0	28.0764	9.84	1.175	49.635	80.4371	0	0	0
6635	10	12.435	223.9	0	0	0	0	27.11	10.015	0.86	48.855	80.99	0	0	0
6636	10	9.15786	139.56	0	0	0	0	29.9314	8.64786	1.00714	43.695	80.8057	0	0	0
6637	10	6.7	76.305	0	0	0	0	32.085	7.635	1.08	39.8	80.705	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6638	10	6.7	137.655	0	0	0	0	31.035	8.335	1.08	42	80.855	0	0	0
6639	10	8.97929	139.56	0	0	0	0	29.9314	8.64786	1.00714	43.695	80.8057	0	0	0
6640	10	12.585	161.4	0	0	0	0	27.51	9.365	0.96	49.105	81.09	0	0	0
6641	10	9.22214	144.315	0	0	0	0	30.2814	8.89786	1.10714	44.595	80.4057	0	0	0
6642	10	6.7	131.505	0	0	0	0	32.335	8.585	1.18	41.25	79.955	0	0	0
6643	10	6.7	142.41	0	0	0	0	31.385	8.585	1.18	42.9	80.455	0	0	0
6644	10	8.97929	144.315	0	0	0	0	30.2814	8.89786	1.10714	44.595	80.4057	0	0	0
6645	10	9.18643	139.56	0	0	0	0	29.9314	8.64786	1.00714	43.695	80.8057	0	0	0
6646	10	6.75	76.305	0	0	0	0	32.085	7.635	1.08	39.8	80.705	0	0	0
6647	10	6.75	137.655	0	0	0	0	31.035	8.335	1.08	42	80.855	0	0	0
6648	10	11.7645	226.845	0	0	0	0	25.6765	8.958	1.166	46.796	82.69	0	0	0
6649	10	8.8705	218.905	0	0	0	0	28.8685	8.642	1.354	41.874	81.56	0	0	0
6650	10	6.7	212.95	0	0	0	0	31.25	8.38	1.52	38.245	80.775	0	0	0
6651	10	8.8505	218.905	0	0	0	0	28.8685	8.642	1.354	41.874	81.56	0	0	0
6652	10	13.935	232.8	0	0	0	0	23.295	9.22	1	50.425	83.475	0	0	0
6653	10	12.47	191.195	0	0	0	0	26.005	11.62	0.97	48.175	81.075	0	0	0
6654	10	10.23	176.765	0	0	0	0	27.255	11.62	1.02	45.975	80.375	0	0	0
6655	10	8.55	165.945	0	0	0	0	28.205	11.62	1.02	44.275	79.875	0	0	0
6656	10	8.55	176.765	0	0	0	0	27.255	11.62	1.02	45.975	80.375	0	0	0
6657	10	9.41571	176.765	0	0	0	0	27.255	11.62	1.02	45.975	80.375	0	0	0
6658	10	13.5	153.515	0	0	0	0	30.635	10.76	0.965	45.775	81.79	0	0	0
6659	10	10.9286	146.015	0	0	0	0	31.585	10.86	0.915	43.375	80.94	0	0	0
6660	10	7.5	136.015	0	0	0	0	32.835	10.91	0.865	40.175	79.89	0	0	0
6661	10	8.1	136.015	0	0	0	0	32.835	10.91	0.865	40.175	79.89	0	0	0
6662	10	12.66	220.24	0	0	0	0	25.155	11.205	0.9	51.34	83.05	0	0	0
6663	10	9.71143	178.82	0	0	0	0	28.155	11.4436	1.03	45.9457	80.81	0	0	0
6664	10	7.5	147.755	0	0	0	0	30.38	11.61	1.09	41.9	79.155	0	0	0
6665	10	7.5	158.405	0	0	0	0	29.43	11.66	1.09	43.55	79.655	0	0	0
6666	10	9.24	178.82	0	0	0	0	28.155	11.4436	1.03	45.9457	80.81	0	0	0
6668	10	9.17286	176.765	0	0	0	0	27.255	11.62	1.02	45.975	80.375	0	0	0
6669	10	6.7	165.945	0	0	0	0	28.205	11.62	1.02	44.275	79.875	0	0	0
6670	10	6.7	176.765	0	0	0	0	27.255	11.62	1.02	45.975	80.375	0	0	0
6671	10	8.93	176.765	0	0	0	0	27.255	11.62	1.02	45.975	80.375	0	0	0
6672	10	13.12	343.855	0	0	0	0	23.785	7.815	1.365	53.815	86.495	0	0	0
6673	10	11.8015	324.127	0	0	0	0	24.6225	8.005	1.3375	52.416	85.765	0	0	0
6674	10	10.0435	297.823	0	0	0	0	25.7225	8.225	1.3675	50.534	84.775	0	0	0
6675	10	8.725	278.095	0	0	0	0	26.56	8.415	1.34	49.085	84.095	0	0	0
6676	10	14.59	262.91	0	0	0	0	24.6	8.56	1.045	55.595	83.185	0	0	0
6677	10	12.3957	249.421	0	0	0	0	26.2436	8.43714	1.11857	53.81	82.7307	0	0	0
6678	10	9.47	231.435	0	0	0	0	28.485	8.29	1.25	51.38	82.175	0	0	0
6679	10	12.245	213.57	0	0	0	0	24.46	12.515	0.74	49.605	82.15	0	0	0
6680	10	7.5	223.825	0	0	0	0	30.77	12.03	0.92	43.615	80.19	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6681	10	8.1	223.825	0	0	0	0	30.77	12.03	0.92	43.615	80.19	0	0	0
6682	10	12.71	239.94	0	0	0	0	25.455	11.805	1.05	49.99	83.75	0	0	0
6683	10	9.73286	216.035	0	0	0	0	28.905	11.5936	1.13	44.6957	81.16	0	0	0
6684	10	7.5	198.105	0	0	0	0	31.48	11.46	1.19	40.75	79.205	0	0	0
6685	10	7.5	195.62	0	0	0	0	30.18	11.81	1.19	42.3	80.005	0	0	0
6686	10	9.24	216.035	0	0	0	0	28.905	11.5936	1.13	44.6957	81.16	0	0	0
6687	10	11.5943	158.7	0	0	0	0	29.8393	10.6793	1.6	51.7364	84.825	0	0	0
6688	10	13.32	227.185	0	0	0	0	30.005	10.695	1.6	48.775	84.475	0	0	0
6689	10	11.1057	158.7	0	0	0	0	29.8393	10.6793	1.6	51.7364	84.825	0	0	0
6690	10	10.0145	199.235	0	0	0	0	25.5955	9.5625	1.515	50.24	84.8725	0	0	0
6691	10	12.225	184.52	0	0	0	0	23.525	9.77	1.515	55.86	86.145	0	0	0
6692	10	10.6917	182.829	0	0	0	0	25.835	9.94778	1.58389	52.7922	85.2328	0	0	0
6693	10	9.54167	181.556	0	0	0	0	27.58	10.0811	1.63556	50.4789	84.5361	0	0	0
6694	10	8.775	181.82	0	0	0	0	28.11	9.87	1.67	49.87	84.505	0	0	0
6695	10	8.775	180.71	0	0	0	0	28.71	10.17	1.67	48.92	84.055	0	0	0
6696	10	12.275	163.67	0	0	0	0	24.075	8.62	1.515	57.26	85.595	0	0	0
6697	10	10.7194	185.264	0	0	0	0	26.385	8.99778	1.58389	53.1922	84.7828	0	0	0
6698	10	9.55278	201.461	0	0	0	0	28.08	9.28111	1.63556	50.1289	84.2361	0	0	0
6699	10	8.775	201.725	0	0	0	0	28.61	9.07	1.67	49.52	84.205	0	0	0
6700	10	8.775	212.26	0	0	0	0	29.21	9.47	1.67	48.12	83.805	0	0	0
6701	10	12.575	140.275	0	0	0	0	21.775	13.69	1.465	51.445	88.205	0	0	0
6702	10	9.26833	170.69	0	0	0	0	25.1508	11.0558	1.465	47.735	84.1042	0	0	0
6703	10	8.43	170.69	0	0	0	0	25.525	11.04	1.465	46.995	84.055	0	0	0
6704	10	8.91084	170.69	0	0	0	0	25.1508	11.0558	1.465	47.735	84.1042	0	0	0
6705	10	10.2556	58.54	0	0	0	0	27.1994	9.16945	1.1	49.6211	86.3478	0	0	0
6707	10	10.6756	58.54	0	0	0	0	27.1994	9.16945	1.1	49.6211	86.3478	0	0	0
6708	10	12.195	195.47	0	0	0	0	25.81	12.765	0.74	48.805	82.2	0	0	0
6709	10	8.1	196.725	0	0	0	0	32.47	11.83	0.87	43.115	80.74	0	0	0
6710	10	9.20167	173.19	0	0	0	0	25.3008	11.9558	1.515	47.485	84.5542	0	0	0
6711	10	8.43	173.19	0	0	0	0	25.675	11.94	1.515	46.745	84.505	0	0	0
6712	10	8.90167	173.19	0	0	0	0	25.3008	11.9558	1.515	47.485	84.5542	0	0	0
6713	10	13.06	140.275	0	0	0	0	19.53	13.785	1.465	55.885	88.5	0	0	0
6714	10	7.91667	85.3989	0	0	0	0	21.105	5.88056	0.941111	47.7322	85.4594	0	0	0
6715	10	7.21667	74.9306	0	0	0	0	21.34	6.53222	0.819444	45.4389	85.0478	0	0	0
6716	10	6.75	67.955	0	0	0	0	21.53	7	0.755	43.86	84.74	0	0	0
6717	10	11.2572	64.865	0	0	0	0	29.6244	9.71	1.2	50.22	82.1694	0	0	0
6718	10	13.27	227.185	0	0	0	0	30.005	10.695	1.6	48.775	84.475	0	0	0
6719	10	12.565	197.015	0	0	0	0	26.015	11.41	0.725	52.165	78.31	0	0	0
6720	10	9.67071	187.757	0	0	0	0	28.6264	11.19	0.875	47.635	78.0371	0	0	0
6721	10	7.5	180.81	0	0	0	0	30.61	11.05	0.975	44.225	77.845	0	0	0
6722	10	7.5	188.055	0	0	0	0	29.31	11.1	0.875	45.625	78.095	0	0	0
6724	10	13.47	163.505	0	0	0	0	23.685	7.115	1.465	55.115	86.645	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6725	10	12.0465	174.812	0	0	0	0	24.5725	7.255	1.4875	53.316	85.815	0	0	0
6726	10	10.1485	189.888	0	0	0	0	25.7725	7.475	1.5175	50.934	84.775	0	0	0
6727	10	8.725	201.195	0	0	0	0	26.66	7.615	1.59	49.135	83.945	0	0	0
6728	10	10.9286	144.26	0	0	0	0	31.485	10.81	0.965	43.575	80.99	0	0	0
6729	10	7.5	131.915	0	0	0	0	32.535	10.86	0.915	40.625	79.89	0	0	0
6730	10	8.1	131.915	0	0	0	0	32.535	10.86	0.915	40.625	79.89	0	0	0
6731	10	12.1325	182.286	0	0	0	0	20.9975	9.0325	1.35125	59.32	87.1738	0	0	0
6732	10	10.1425	187.623	0	0	0	0	23.0108	9.5225	1.44958	55.5667	86.3721	0	0	0
6733	10	8.65	191.624	0	0	0	0	24.5083	9.915	1.48583	52.7517	85.7958	0	0	0
6734	10	7.655	190.385	0	0	0	0	24.84	10.11	1.51	51.975	85.745	0	0	0
6735	10	7.655	194.295	0	0	0	0	25.54	10.16	1.51	50.925	85.445	0	0	0
6736	10	8.83444	50.38	0	0	0	0	27.5422	6.90556	0.726111	47.0122	78.4378	0	0	0
6737	10	8.74778	51.855	0	0	0	0	29.3639	7.36222	0.719444	45.4489	77.7211	0	0	0
6738	10	8.69	52.835	0	0	0	0	30.545	7.65	0.715	44.39	77.26	0	0	0
6739	10	9.74667	43.8989	0	0	0	0	22.355	5.58056	0.741111	49.1822	83.8594	0	0	0
6740	10	8.80667	49.6306	0	0	0	0	25.34	6.28222	0.769444	47.2889	82.1978	0	0	0
6741	10	8.18	53.455	0	0	0	0	27.33	6.75	0.755	45.96	81.04	0	0	0
6742	10	11.3679	147.3	0	0	0	0	28.8714	10.3707	1.65	51.1264	84.9514	0	0	0
6743	10	11.3679	188.385	0	0	0	0	27.7714	10.6207	1.45	54.8764	85.6514	0	0	0
6744	10	13.9	366	0	0	0	0	26.6	7.8	1.4	49.8	84.8	0	0	0
6745	10	13.225	222.985	0	0	0	0	30.38	10.575	1.55	49.435	85.315	0	0	0
6746	10	13.85	228.16	0	0	0	0	28.925	8.005	1.5	48.15	84.485	0	0	0
6747	10	11.2979	209.045	0	0	0	0	30.175	8.355	1.6	46.6	83.885	0	0	0
6748	10	8.495	183.56	0	0	0	0	31.825	8.755	1.75	44.6	83.135	0	0	0
6749	10	7.895	183.56	0	0	0	0	31.825	8.755	1.75	44.6	83.135	0	0	0
6750	10	15.12	61.67	0	0	0	0	21.15	7.58	1.13	58.15	84.71	0	0	0
6751	10	12.8786	73.6143	0	0	0	0	21.9386	7.92714	1.16857	57.6186	84.7186	0	0	0
6752	10	9.89	89.54	0	0	0	0	22.99	8.39	1.22	56.91	84.73	0	0	0
6753	10	12.1125	98.4425	0	0	0	0	22.595	9.165	1.4025	57.64	86.1475	0	0	0
6754	10	10.0625	93.4858	0	0	0	0	23.9217	9.945	1.49917	54.5333	85.9442	0	0	0
6755	10	8.525	89.7683	0	0	0	0	24.9167	10.53	1.57167	52.2033	85.7917	0	0	0
6756	10	7.5	87.29	0	0	0	0	25.58	10.92	1.62	50.65	85.69	0	0	0
6757	10	13.65	102.16	0	0	0	0	21.6	8.58	1.33	59.97	86.3	0	0	0
6759	10	7.2	26.355	0	0	0	0	29.685	6.83	1.08	44.5267	81.0798	0	0	0
6760	10	7.2	26.355	0	0	0	0	30.735	7.58	1.18	45.2222	80.0954	0	0	0
6761	10	7.2	26.355	0	0	0	0	29.685	6.83	1.08	44.5267	81.0798	0	0	0
6762	10	7.2	26.355	0	0	0	0	30.735	7.58	1.18	45.2222	80.0954	0	0	0
6763	10	7.2	61.145	0	0	0	0	26.605	10.615	1.02	48.2972	80.0154	0	0	0
6764	10	7.2	68.13	0	0	0	0	24.455	9.65	1.325	53.0931	81.6207	0	0	0
6765	10	7.2	86.6	0	0	0	0	28.465	7.575	1.52	43.3108	81.2627	0	0	0
6768	10	7.21111	45.6411	0	0	0	0	20.18	6.86444	0.738889	42.8778	86.0956	0	0	0
6769	10	7.21667	74.9306	0	0	0	0	21.34	6.53222	0.819444	45.4389	85.0478	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6772	10	7.22222	104.22	0	0	0	0	22.5	6.2	0.9	48	84	0	0	0
6775	10	7.23292	45.5725	0	0	0	0	26.8625	9.12	1.385	49.1292	82.2265	0	0	0
6777	10	7.24137	30	0	0	0	0	30.4776	8.59175	0.6	45.5704	78.7512	0	0	0
6778	10	7.24692	30	0	0	0	0	26.6905	7.98638	0.855	50.4355	82.672	0	0	0
6779	10	7.25	26.355	0	0	0	0	29.685	6.83	1.08	44.5267	81.0798	0	0	0
6780	10	7.25	26.355	0	0	0	0	29.685	6.83	1.08	44.5267	81.0798	0	0	0
6781	10	10.2857	48.6475	0	0	0	0	29.0514	10.1043	0.992857	45.4788	80.7518	0	0	0
6782	10	10.2857	48.6475	0	0	0	0	29.0514	10.1793	0.992857	45.5217	80.7197	0	0	0
6783	10	7.8	242.47	0	0	0	0	27.4	8.4	1.5	51.3	83.6	0	0	0
6784	10	13.53	79.97	0	0	0	0	30.47	13.51	1.7	52.95	84.52	0	0	0
6785	10	9.17	79.97	0	0	0	0	30.47	13.51	1.7	52.95	84.52	0	0	0
6786	10	14.64	185.23	0	0	0	0	35.62	0.92	2.61	50.33	87.66	0	0	0
6787	10	11.82	199.34	0	0	0	0	38.68	1.28	2.74	46.63	84.38	0	0	0
6794	10	12.21	92.29	0	0	0	0	25.43	12.51	1.04	45.21	80.89	0	0	0
6795	10	9.90143	92.29	0	0	0	0	25.43	12.51	1.04	45.21	80.89	0	0	0
6796	10	8.17	92.29	0	0	0	0	25.43	12.51	1.04	45.21	80.89	0	0	0
6797	10	9.51857	92.29	0	0	0	0	25.43	12.51	1.04	45.21	80.89	0	0	0
6798	10	7.5	92.29	0	0	0	0	25.43	12.51	1.04	45.21	80.89	0	0	0
6799	10	12.73	55.93	0	0	0	0	26.93	11.52	0.85	53.33	77.12	0	0	0
6800	10	9.74143	56.7243	0	0	0	0	28.7529	11.28	0.85	47.97	77.2743	0	0	0
6801	10	7.5	57.32	0	0	0	0	30.12	11.1	0.85	43.95	77.39	0	0	0
6802	10	7.5	57.32	0	0	0	0	30.12	11.1	0.85	43.95	77.39	0	0	0
6803	10	9.71857	56.7243	0	0	0	0	28.7529	11.28	0.85	47.97	77.2743	0	0	0
6804	10	7.46	57.32	0	0	0	0	30.12	11.1	0.85	43.95	77.39	0	0	0
6805	10	12.67	31.6	0	0	0	0	28.02	7.93	1.02	48.01	80.88	0	0	0
6806	10	9.25857	26.52	0	0	0	0	30.9629	7.09571	1.21429	43.49	81.0114	0	0	0
6807	10	6.7	22.71	0	0	0	0	33.17	6.47	1.36	40.1	81.11	0	0	0
6808	10	6.7	22.71	0	0	0	0	33.17	6.47	1.36	40.1	81.11	0	0	0
6809	10	14.98	106.26	0	0	0	0	22.34	11.29	1.25	55.14	82.34	0	0	0
6810	10	12.61	106.26	0	0	0	0	22.34	11.29	1.25	55.14	82.34	0	0	0
6811	10	9.45	106.26	0	0	0	0	22.34	11.29	1.25	55.14	82.34	0	0	0
6812	10	12.069	240.29	0	0	0	0	25.653	8.616	1.232	45.892	82.98	0	0	0
6813	10	9.001	184.81	0	0	0	0	28.537	8.184	1.408	41.148	82.22	0	0	0
6814	10	6.7	143.2	0	0	0	0	30.7	7.86	1.54	37.59	81.65	0	0	0
6815	10	14.37	281.9	0	0	0	0	23.49	8.94	1.1	49.45	83.55	0	0	0
6816	10	8.99944	36.3225	0	0	0	0	28.0758	7.20722	0.679167	47.0712	77.9978	0	0	0
6817	10	13.04	92.29	0	0	0	0	22.09	12.66	1.04	51.81	81.32	0	0	0
6818	10	9.41714	92.29	0	0	0	0	23.9986	12.5743	1.04	48.0386	81.0743	0	0	0
6819	10	6.7	92.29	0	0	0	0	25.43	12.51	1.04	45.21	80.89	0	0	0
6820	10	13.5	86.03	0	0	0	0	34.37	10.42	1.13	41.35	80.98	0	0	0
6821	10	10.9286	86.03	0	0	0	0	34.37	10.42	1.13	41.35	80.98	0	0	0
6822	10	7.5	86.03	0	0	0	0	34.37	10.42	1.13	41.35	80.98	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6823	10	12.82	155.68	0	0	0	0	23.31	11.71	0.9	52.68	84.8	0	0	0
6824	10	9.78	101.24	0	0	0	0	26.71	12.2871	1.06	46.2914	81.72	0	0	0
6825	10	7.5	60.41	0	0	0	0	29.26	12.72	1.18	41.5	79.41	0	0	0
6826	10	7.5	60.41	0	0	0	0	29.26	12.72	1.18	41.5	79.41	0	0	0
6827	10	13.44	145.51	0	0	0	0	23.47	7.23	1.33	54.43	85.89	0	0	0
6828	10	12.033	145.054	0	0	0	0	23.845	7.41	1.375	53.332	85.53	0	0	0
6829	10	10.157	144.446	0	0	0	0	24.345	7.65	1.435	51.868	85.05	0	0	0
6830	10	8.75	143.99	0	0	0	0	24.72	7.83	1.48	50.77	84.69	0	0	0
6831	10	12.85	128.55	0	0	0	0	25.22	11.58	1.53	47.14	85.21	0	0	0
6832	10	11.446	128.55	0	0	0	0	25.22	11.58	1.53	47.14	85.21	0	0	0
6833	10	9.574	128.55	0	0	0	0	25.22	11.58	1.53	47.14	85.21	0	0	0
6834	10	8.17	128.55	0	0	0	0	25.22	11.58	1.53	47.14	85.21	0	0	0
6835	10	15.18	188.32	0	0	0	0	25.4	9.02	0.99	54.89	83.17	0	0	0
6836	10	12.8271	183.113	0	0	0	0	26.2871	8.87429	1.03714	53.42	82.5614	0	0	0
6837	10	9.69	176.17	0	0	0	0	27.47	8.68	1.1	51.46	81.75	0	0	0
6838	10	12.19	89.74	0	0	0	0	24.02	13.93	0.68	48.91	83	0	0	0
6839	10	7.5	91.25	0	0	0	0	30.94	13.86	0.84	43.73	81.18	0	0	0
6840	10	13.32	79.97	0	0	0	0	30.63	13.51	1.7	52.64	84.5	0	0	0
6841	10	11.2886	79.97	0	0	0	0	31.7786	13.4586	1.7	50.3729	84.35	0	0	0
6842	10	10.8257	79.97	0	0	0	0	31.7786	13.4586	1.7	50.3729	84.35	0	0	0
6843	10	13.6	128.55	0	0	0	0	21.79	11.73	1.53	53.94	85.66	0	0	0
6844	10	11.971	128.55	0	0	0	0	22.819	11.685	1.53	51.9	85.525	0	0	0
6845	10	9.799	128.55	0	0	0	0	24.191	11.625	1.53	49.18	85.345	0	0	0
6846	10	12.15	139.04	0	0	0	0	23.95	10.94	1.53	55.92	85.69	0	0	0
6847	10	10.6833	140.098	0	0	0	0	26.07	10.0956	1.66778	53.4844	85.5656	0	0	0
6848	10	9.58333	140.891	0	0	0	0	27.66	9.46222	1.77111	51.6578	85.4722	0	0	0
6849	10	8.85	141.42	0	0	0	0	28.72	9.04	1.84	50.44	85.41	0	0	0
6850	10	8.85	141.42	0	0	0	0	28.72	9.04	1.84	50.44	85.41	0	0	0
6851	10	11.6775	128.55	0	0	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
6852	10	10.1142	128.55	0	0	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
6853	10	8.94167	128.55	0	0	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
6854	10	8.16	128.55	0	0	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
6855	10	12.85	128.55	0	0	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
6856	10	8.16	128.55	0	0	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
6857	10	11.7743	106.26	0	0	0	0	22.34	11.29	1.25	55.14	82.34	0	0	0
6858	10	7.5	106.26	0	0	0	0	22.34	11.29	1.25	55.14	82.34	0	0	0
6861	10	11.5125	128.55	0	0	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
6862	10	9.72917	128.55	0	0	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
6863	10	8.39167	128.55	0	0	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
6864	10	7.5	128.55	0	0	0	0	25.25	11.58	1.53	47.09	85.21	0	0	0
6865	10	10.7333	79.97	0	0	0	0	32.1989	13.4389	1.7	49.5422	84.2956	0	0	0
6866	10	8.79333	79.97	0	0	0	0	33.3756	13.3856	1.7	47.2189	84.1422	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6867	10	12.66	88.97	0	0	0	0	28.23	13.76	0.81	50.19	85.36	0	0	0
6868	10	10.4486	88.97	0	0	0	0	28.23	13.76	0.81	48.3214	84.4643	0	0	0
6869	10	7.5	88.97	0	0	0	0	28.23	13.76	0.81	45.83	83.27	0	0	0
6870	10	11.04	79.97	0	0	0	0	32.1989	13.4389	1.7	49.5422	84.2956	0	0	0
6871	10	9.33	79.97	0	0	0	0	33.3756	13.3856	1.7	47.2189	84.1422	0	0	0
6872	10	13.5	88.97	0	0	0	0	28.23	13.76	0.81	50.19	85.36	0	0	0
6873	10	10.7829	88.97	0	0	0	0	28.23	13.76	0.81	48.3214	84.4643	0	0	0
6874	10	9	88.97	0	0	0	0	28.23	13.76	0.81	45.83	83.27	0	0	0
6878	10	7.97778	38.0378	0	0	0	0	18.11	5.16111	0.782222	46.5644	87.6189	0	0	0
6879	10	6.7	50.71	0	0	0	0	21.56	8	0.71	40.42	85.08	0	0	0
6880	10	9	27.9	0	0	0	0	15.35	2.89	0.84	51.48	89.65	0	0	0
6881	10	10.9989	79.97	0	0	0	0	32.6489	13.42	1.7	48.64	84.2389	0	0	0
6882	10	9.44556	79.97	0	0	0	0	33.2856	13.39	1.7	47.38	84.1556	0	0	0
6883	10	13.07	79.97	0	0	0	0	31.8	13.46	1.7	50.32	84.35	0	0	0
6890	10	8.85778	34.92	0	0	0	0	26.2844	7.11111	0.652222	47.3244	78.8756	0	0	0
6891	10	8.75111	38.43	0	0	0	0	28.9278	7.52444	0.638889	45.7978	77.9422	0	0	0
6892	10	8.68	40.77	0	0	0	0	30.69	7.8	0.63	44.78	77.32	0	0	0
6893	10	9	30.24	0	0	0	0	22.76	6.56	0.67	49.36	80.12	0	0	0
6894	10	11.1214	79.97	0	0	0	0	32.1429	13.4414	1.7	49.6529	84.3029	0	0	0
6895	10	13.8	90.32	0	0	0	0	31.25	8.21	1.6	46.5	84.17	0	0	0
6896	10	11.28	90.32	0	0	0	0	31.25	8.21	1.6	46.5	84.17	0	0	0
6897	10	7.92	90.32	0	0	0	0	31.25	8.21	1.6	46.5	84.17	0	0	0
6898	10	15.06	53.7525	0	0	0	0	20.4983	7.58	1.2725	58.2081	85.7402	0	0	0
6899	10	12.8327	62.7107	0	0	0	0	21.2913	7.92714	1.29071	57.678	85.7675	0	0	0
6900	10	9.86286	74.655	0	0	0	0	22.3485	8.39	1.315	56.9712	85.8038	0	0	0
6901	10	12.25	81.3319	0	0	0	0	21.9437	9.165	1.39562	57.76	87.1886	0	0	0
6902	10	10.2024	77.6144	0	0	0	0	23.2618	9.945	1.49313	54.7361	86.9999	0	0	0
6903	10	8.66667	74.8262	0	0	0	0	24.2504	10.53	1.56625	52.4682	86.8583	0	0	0
6904	10	7.64286	72.9675	0	0	0	0	24.9095	10.92	1.615	50.9563	86.7638	0	0	0
6905	10	13.7857	84.12	0	0	0	0	20.9551	8.58	1.3225	60.0279	87.3302	0	0	0
6907	10	8.22857	85.9425	0	0	0	0	27.6138	7.41643	1.025	46.7067	82.3423	0	0	0
6908	10	7.94081	85.9425	0	0	0	0	28.8853	8.0397	1.01429	46.8954	81.3525	0	0	0
6909	10	7.94081	85.9425	0	0	0	0	27.9853	7.39684	1.01429	46.2993	82.1963	0	0	0
6910	10	7.55714	85.9425	0	0	0	0	29.3805	8.01357	1	46.3522	81.1578	0	0	0
6911	10	7.55714	85.9425	0	0	0	0	25.8405	10.615	1	48.9879	81.0892	0	0	0
6912	10	7.55714	85.9425	0	0	0	0	23.9976	9.78786	1	53.0987	82.4652	0	0	0
6913	10	7.55714	85.9425	0	0	0	0	27.4348	8.00929	1	44.7138	82.1584	0	0	0
6916	10	8.23809	85.9425	0	0	0	0	19.4667	7.44595	1.025	45.2933	86.6415	0	0	0
6917	10	8.11162	87.1875	0	0	0	0	21.1316	7.53327	0.656251	47.226	86.3122	0	0	0
6920	10	7.71886	79.4571	0	0	0	0	22.1261	6.97823	0.658927	49.0026	85.4141	0	0	0
6923	10	7.19801	69.15	0	0	0	0	25.8657	9.12069	0.662497	49.4122	83.894	0	0	0
6925	10	7.20526	69.15	0	0	0	0	28.9643	8.66791	0.662497	46.3618	80.9151	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6926	10	7.21001	69.15	0	0	0	0	25.7182	8.14902	0.662497	50.5319	84.2758	0	0	0
6927	10	7.74267	79.4571	0	0	0	0	28.2847	7.51823	0.658927	46.0254	82.9111	0	0	0
6928	10	8.14019	87.1875	0	0	0	0	28.2845	7.78851	0.656251	46.4441	82.9111	0	0	0
6929	10	8.11162	62.7	0	0	0	0	21.1316	7.53327	0.723751	47.226	86.3122	0	0	0
6932	10	7.71886	63.5646	0	0	0	0	22.1261	6.97823	0.716785	49.0026	85.4141	0	0	0
6935	10	7.19801	64.7175	0	0	0	0	25.8657	9.12069	0.707497	49.4122	83.894	0	0	0
6937	10	7.20526	64.7175	0	0	0	0	28.9643	8.66791	0.707497	46.3618	80.9151	0	0	0
6938	10	7.21001	64.7175	0	0	0	0	25.7182	8.14902	0.707497	50.5319	84.2758	0	0	0
6939	10	7.74267	63.5646	0	0	0	0	28.2847	7.51823	0.716785	46.0254	82.9111	0	0	0
6940	10	8.14019	62.7	0	0	0	0	28.2845	7.78851	0.723751	46.4441	82.9111	0	0	0
6941	10	8.11162	114.75	0	0	0	0	21.1316	7.53327	0.723751	47.226	86.3122	0	0	0
6944	10	7.71886	100.446	0	0	0	0	22.1261	6.97823	0.739285	49.0026	85.4141	0	0	0
6947	10	7.19801	81.375	0	0	0	0	25.8657	9.12069	0.759997	49.4122	83.894	0	0	0
6949	10	7.20526	81.375	0	0	0	0	28.9643	8.66791	0.759997	46.3618	80.9151	0	0	0
6950	10	7.21001	81.375	0	0	0	0	25.7182	8.14902	0.759997	50.5319	84.2758	0	0	0
6951	10	7.74267	100.446	0	0	0	0	28.2847	7.51823	0.739285	46.0254	82.9111	0	0	0
6952	10	8.14019	114.75	0	0	0	0	28.2845	7.78851	0.723751	46.4441	82.9111	0	0	0
6953	10	10.9735	138.007	0	0	0	0	28.0833	10.1043	1.225	46.5938	81.782	0	0	0
6954	10	10.5694	138.229	0	0	0	0	28.0028	10.0642	1.21321	47.0836	81.9458	0	0	0
6955	10	7.8	138.525	0	0	0	0	26.4799	8.4	1.1975	52.6405	84.6696	0	0	0
6956	10	13.3829	67.4775	0	0	0	0	29.8884	13.51	1.4	53.1655	85.548	0	0	0
6957	10	9.24571	67.4775	0	0	0	0	29.8658	13.51	1.4	53.2574	85.5916	0	0	0
6958	10	14.6486	146.423	0	0	0	0	35.62	0.92	2.8825	50.33	88.6902	0	0	0
6959	10	11.9171	157.005	0	0	0	0	38.68	1.28	3.08	46.63	85.4538	0	0	0
6960	10	14.7914	146.423	0	0	0	0	34.6519	0.92	2.8825	51.445	88.6902	0	0	0
6961	10	12.06	157.005	0	0	0	0	37.6893	1.28	3.08	48.2062	85.4538	0	0	0
6968	10	12.88	85.9425	0	0	0	0	25.4631	13.76	1.05	50.1609	86.3806	0	0	0
6969	10	10.9343	85.9425	0	0	0	0	25.4631	13.76	1.06071	48.2923	85.5035	0	0	0
6970	10	8.34	85.9425	0	0	0	0	25.4631	13.76	1.075	45.8009	84.3341	0	0	0
6971	10	12.2371	76.7175	0	0	0	0	25.4814	12.51	1.155	45.1574	81.9062	0	0	0
6972	10	9.95633	76.7175	0	0	0	0	25.4814	12.51	1.155	45.1549	81.9311	0	0	0
6973	10	8.24571	76.7175	0	0	0	0	25.4814	12.51	1.155	45.1531	81.9498	0	0	0
6974	10	12.8114	49.4475	0	0	0	0	25.9619	11.52	0.8625	54.445	78.1502	0	0	0
6975	10	9.85795	50.0432	0	0	0	0	27.779	11.28	0.8625	49.3422	78.3274	0	0	0
6976	10	7.64286	50.49	0	0	0	0	29.1418	11.1	0.8625	45.5151	78.4602	0	0	0
6977	10	7.64286	50.49	0	0	0	0	29.1418	11.1	0.8625	45.5151	78.4602	0	0	0
6978	10	12.8257	49.4475	0	0	0	0	25.9619	11.52	1.0125	54.445	78.1502	0	0	0
6979	10	9.94245	50.0432	0	0	0	0	27.779	11.28	1.0125	49.3422	78.3274	0	0	0
6980	10	7.78	50.49	0	0	0	0	29.1418	11.1	1.0125	45.5151	78.4602	0	0	0
6981	10	12.6371	85.9425	0	0	0	0	25.4631	13.76	1.05	50.1609	86.3806	0	0	0
6982	10	10.1816	85.9425	0	0	0	0	25.4631	13.76	1.06429	47.6695	85.2112	0	0	0
6983	10	12.7457	31.2	0	0	0	0	27.0962	7.93	0.94	49.086	81.8973	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6984	10	9.37265	27.39	0	0	0	0	30.0351	7.09571	1.1	44.8216	82.0509	0	0	0
6985	10	6.84286	24.5325	0	0	0	0	32.2393	6.47	1.22	41.6233	82.1663	0	0	0
6986	10	6.84286	24.5325	0	0	0	0	32.2393	6.47	1.22	41.6233	82.1663	0	0	0
6987	10	12.7886	31.2	0	0	0	0	27.0962	7.93	0.99	49.086	81.8973	0	0	0
6988	10	9.39102	27.39	0	0	0	0	30.0351	7.09571	1.15	44.8216	82.0509	0	0	0
6989	10	6.84286	24.5325	0	0	0	0	32.2393	6.47	1.27	41.6233	82.1663	0	0	0
6990	10	6.84286	24.5325	0	0	0	0	32.2393	6.47	1.27	41.6233	82.1663	0	0	0
6991	10	9.38082	27.39	0	0	0	0	30.0351	7.09571	1.1	44.8216	82.0509	0	0	0
6992	10	6.85714	24.5325	0	0	0	0	32.2393	6.47	1.22	41.6233	82.1663	0	0	0
6993	10	6.85714	24.5325	0	0	0	0	32.2393	6.47	1.22	41.6233	82.1663	0	0	0
6994	10	9.70163	85.9425	0	0	0	0	25.4631	13.76	1.06429	47.6695	85.2112	0	0	0
6995	10	7.5	85.9425	0	0	0	0	25.4631	13.76	1.075	45.8009	84.3341	0	0	0
6996	10	12.1249	187.717	0	0	0	0	24.6877	8.616	1.194	47.111	84.0233	0	0	0
6997	10	9.10657	146.107	0	0	0	0	27.5755	8.184	1.386	42.5057	83.2808	0	0	0
6998	10	6.84286	114.9	0	0	0	0	29.7414	7.86	1.53	39.0517	82.7238	0	0	0
6999	10	14.3886	218.925	0	0	0	0	22.5219	8.94	1.05	50.565	84.5802	0	0	0
7000	10	9.09952	87.195	0	0	0	0	27.3471	7.20722	1.2625	47.6807	79.0716	0	0	0
7001	10	12.4514	85.9425	0	0	0	0	25.2757	13.18	1.03818	50.0603	84.7553	0	0	0
7002	10	12.2429	76.7175	0	0	0	0	25.528	12.51	1.005	50.6677	83.4762	0	0	0
7003	10	9.95388	76.7175	0	0	0	0	25.528	12.51	1.03357	47.4734	82.5982	0	0	0
7004	10	8.23714	76.7175	0	0	0	0	25.528	12.51	1.055	45.0777	81.9398	0	0	0
7005	10	13.0914	76.7175	0	0	0	0	21.4204	12.66	1.155	52.0628	82.3362	0	0	0
7006	10	9.52082	76.7175	0	0	0	0	23.1748	12.5743	1.155	49.0151	82.1154	0	0	0
7007	10	13.6429	72.0225	0	0	0	0	33.4962	10.42	1.0475	42.297	82.0009	0	0	0
7008	10	11.0715	72.0225	0	0	0	0	33.4865	10.42	1.02607	42.4698	82.0196	0	0	0
7009	10	7.64286	72.0225	0	0	0	0	33.4735	10.42	0.9975	42.7003	82.0445	0	0	0
7010	10	12.78	85.9425	0	0	0	0	25.4631	13.76	1.025	50.1609	86.3806	0	0	0
7011	10	10.8772	85.9425	0	0	0	0	25.4631	13.76	1.01429	48.2923	85.5035	0	0	0
7012	10	8.34	85.9425	0	0	0	0	25.4631	13.76	1	45.8009	84.3341	0	0	0
7013	10	12.4514	85.9425	0	0	0	0	26.2311	12.9514	1.11982	49.154	84.4532	0	0	0
7014	10	13.0743	85.9425	0	0	0	0	24.7715	13.79	1.025	47.1092	84.3906	0	0	0
7015	10	11.1812	85.9425	0	0	0	0	24.7715	13.79	1.01429	47.077	84.4092	0	0	0
7016	10	8.65714	85.9425	0	0	0	0	24.7715	13.79	1	47.0341	84.4341	0	0	0
7017	10	12.9171	124.26	0	0	0	0	22.3771	11.71	0.9	53.764	85.8199	0	0	0
7018	10	9.90327	83.43	0	0	0	0	25.7462	12.2871	1.03429	47.6548	82.7701	0	0	0
7019	10	7.64286	52.8075	0	0	0	0	28.2729	12.72	1.135	43.073	80.4828	0	0	0
7020	10	7.64286	52.8075	0	0	0	0	28.2729	12.72	1.135	43.073	80.4828	0	0	0
7021	10	13.3486	116.632	0	0	0	0	23.47	7.23	1.3725	54.43	86.9202	0	0	0
7022	10	11.9669	116.29	0	0	0	0	23.845	7.41	1.39125	53.332	86.5733	0	0	0
7023	10	10.1246	115.835	0	0	0	0	24.345	7.65	1.41625	51.868	86.1108	0	0	0
7024	10	8.74286	115.493	0	0	0	0	24.72	7.83	1.435	50.77	85.7638	0	0	0
7025	10	12.9429	103.913	0	0	0	0	25.2317	11.58	1.5725	47.114	86.2389	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7026	10	11.5337	103.913	0	0	0	0	25.2317	11.58	1.58	47.1113	86.252	0	0	0
7027	10	9.65486	103.913	0	0	0	0	25.2317	11.58	1.59	47.1076	86.2694	0	0	0
7028	10	8.24571	103.913	0	0	0	0	25.2317	11.58	1.5975	47.1049	86.2825	0	0	0
7029	10	15.1543	148.74	0	0	0	0	24.6874	9.02	1.0175	55.2714	84.2002	0	0	0
7030	10	12.813	144.835	0	0	0	0	25.5907	8.87429	1.085	53.8104	83.6103	0	0	0
7031	10	9.69143	139.628	0	0	0	0	26.795	8.68	1.175	51.8623	82.8238	0	0	0
7032	10	12.3486	74.805	0	0	0	0	23.1203	13.93	0.71	49.9648	84.0102	0	0	0
7033	10	7.64286	75.9375	0	0	0	0	30.1343	13.86	0.88	45.1432	82.1996	0	0	0
7034	10	8.48286	85.9425	0	0	0	0	26.2311	12.9514	1.11982	45.4169	82.6618	0	0	0
7035	10	12.9314	124.26	0	0	0	0	22.3771	11.71	0.975	53.764	85.8199	0	0	0
7036	10	9.90939	83.43	0	0	0	0	25.7462	12.2871	1.095	47.6548	82.7701	0	0	0
7037	10	7.64286	52.8075	0	0	0	0	28.2729	12.72	1.185	43.073	80.4828	0	0	0
7038	10	7.64286	52.8075	0	0	0	0	28.2729	12.72	1.185	43.073	80.4828	0	0	0
7039	10	10.9735	87.195	0	0	0	0	28.0833	10.1043	1.2625	46.5938	81.782	0	0	0
7040	10	10.6428	87.195	0	0	0	0	28.0028	10.0642	1.27321	47.0836	81.9458	0	0	0
7041	10	10.202	87.195	0	0	0	0	26.4799	8.4	1.2875	52.6405	84.6696	0	0	0
7042	10	13.6029	67.4775	0	0	0	0	30.0328	13.51	1.575	52.8938	85.528	0	0	0
7043	10	11.5188	67.4775	0	0	0	0	31.0543	13.4586	1.65	51.066	85.3967	0	0	0
7044	10	11.0486	67.4775	0	0	0	0	31.0543	13.4586	1.65	51.066	85.3967	0	0	0
7045	10	13.7714	103.913	0	0	0	0	21.0848	11.73	1.4725	54.1965	86.6889	0	0	0
7046	10	12.1566	103.913	0	0	0	0	22.0317	11.685	1.51	52.5419	86.567	0	0	0
7047	10	10.0034	103.913	0	0	0	0	23.2941	11.625	1.56	50.3357	86.4044	0	0	0
7048	10	12.3143	111.78	0	0	0	0	23.2913	10.94	1.5475	56.1112	86.7201	0	0	0
7049	10	10.8285	112.573	0	0	0	0	25.3216	10.0956	1.65083	54.0757	86.6151	0	0	0
7050	10	9.71428	113.168	0	0	0	0	26.8444	9.46222	1.72833	52.5492	86.5363	0	0	0
7051	10	8.97143	113.565	0	0	0	0	27.8596	9.04	1.78	51.5314	86.4838	0	0	0
7052	10	8.97143	113.565	0	0	0	0	27.8596	9.04	1.78	51.5314	86.4838	0	0	0
7053	10	12.3286	111.78	0	0	0	0	23.2913	10.94	1.5475	56.1112	86.7201	0	0	0
7054	10	10.8365	112.573	0	0	0	0	25.3216	10.0956	1.65083	54.0757	86.6151	0	0	0
7055	10	9.71745	113.168	0	0	0	0	26.8444	9.46222	1.72833	52.5492	86.5363	0	0	0
7056	10	11.6379	103.913	0	0	0	0	25.2598	11.58	1.52875	47.0684	86.2498	0	0	0
7057	10	10.1265	103.913	0	0	0	0	25.2598	11.58	1.53708	47.0662	86.2643	0	0	0
7058	10	8.99286	103.913	0	0	0	0	25.2598	11.58	1.54333	47.0645	86.2752	0	0	0
7059	10	8.23714	103.913	0	0	0	0	25.2598	11.58	1.5475	47.0634	86.2825	0	0	0
7060	10	12.7714	103.913	0	0	0	0	25.2598	11.58	1.5225	47.07	86.2389	0	0	0
7061	10	8.38	103.913	0	0	0	0	24.269	11.58	1.5475	48.6396	86.2825	0	0	0
7064	10	10.7397	67.4775	0	0	0	0	31.4302	13.4389	1.4	50.3807	85.343	0	0	0
7065	10	8.88158	67.4775	0	0	0	0	32.4783	13.3856	1.4	48.496	85.2041	0	0	0
7066	10	13.2171	67.4775	0	0	0	0	30.0328	13.51	1.4	52.8938	85.528	0	0	0
7067	10	12.8371	85.9425	0	0	0	0	27.3846	13.76	1	51.197	86.3543	0	0	0
7068	10	10.611	85.9425	0	0	0	0	27.3749	13.76	0.978571	49.5261	85.4773	0	0	0
7069	10	7.64286	85.9425	0	0	0	0	27.362	13.76	0.95	47.2982	84.3079	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7070	10	11.0787	67.4775	0	0	0	0	31.4302	13.4389	1.4	50.3807	85.343	0	0	0
7071	10	9.47491	67.4775	0	0	0	0	32.4783	13.3856	1.4	48.496	85.2041	0	0	0
7072	10	13.6429	85.9425	0	0	0	0	27.3846	13.76	1.025	51.197	86.3543	0	0	0
7073	10	11.02	85.9425	0	0	0	0	27.3749	13.76	1.01429	49.5261	85.4773	0	0	0
7074	10	9.1	85.9425	0	0	0	0	27.362	13.76	1	47.2982	84.3079	0	0	0
7077	10	12.3343	74.805	0	0	0	0	23.1203	13.93	0.71	49.9648	84.0102	0	0	0
7078	10	7.81429	75.9375	0	0	0	0	30.1343	13.86	0.855	45.1432	82.1996	0	0	0
7079	10	8.20908	33.5283	0	0	0	0	18.305	5.63076	0.732767	47.6559	87.5902	0	0	0
7080	10	7.32935	39.2308	0	0	0	0	20.0655	6.74716	0.704444	44.2967	86.2845	0	0	0
7081	10	6.74286	43.0325	0	0	0	0	21.2391	7.49143	0.685563	42.0571	85.414	0	0	0
7082	10	9.38206	25.925	0	0	0	0	15.9577	4.14221	0.77053	52.135	89.3311	0	0	0
7083	10	10.8213	67.4775	0	0	0	0	31.835	13.42	1.46111	49.5696	85.2863	0	0	0
7084	10	9.48508	67.4775	0	0	0	0	32.3982	13.39	1.46944	48.6029	85.2175	0	0	0
7085	10	12.6029	67.4775	0	0	0	0	31.0842	13.46	1.45	50.8586	85.378	0	0	0
7089	10	12.8257	49.4475	0	0	0	0	25.9619	11.52	0.7875	54.445	78.1502	0	0	0
7090	10	9.86408	50.0432	0	0	0	0	27.779	11.28	0.858929	49.3422	78.3274	0	0	0
7091	10	7.64286	50.49	0	0	0	0	29.1418	11.1	0.9125	45.5151	78.4602	0	0	0
7092	10	7.64286	50.49	0	0	0	0	29.1418	11.1	0.9125	45.5151	78.4602	0	0	0
7095	10	13.4486	116.632	0	0	0	0	23.47	7.23	1.4225	54.43	86.9202	0	0	0
7096	10	12.0369	116.29	0	0	0	0	23.845	7.41	1.46375	53.332	86.5733	0	0	0
7097	10	10.1546	115.835	0	0	0	0	24.345	7.65	1.51875	51.868	86.1108	0	0	0
7098	10	8.74286	115.493	0	0	0	0	24.72	7.83	1.56	50.77	85.7638	0	0	0
7099	10	11.0715	72.0225	0	0	0	0	33.4865	10.42	1.03679	42.4698	82.0196	0	0	0
7100	10	7.64286	72.0225	0	0	0	0	33.4735	10.42	1.0225	42.7003	82.0445	0	0	0
7101	10	8.99397	33.69	0	0	0	0	25.5697	7.11111	0.689167	47.8022	79.9252	0	0	0
7102	10	8.89301	36.3225	0	0	0	0	28.1418	7.52444	0.679167	46.6072	79.0064	0	0	0
7103	10	8.82571	38.0775	0	0	0	0	29.8565	7.8	0.6725	45.8104	78.3938	0	0	0
7104	10	9.12857	30.18	0	0	0	0	22.1403	6.56	0.7025	49.3958	81.1502	0	0	0
7105	10	8.20908	36.0283	0	0	0	0	18.305	5.63076	0.772778	47.6559	87.5902	0	0	0
7106	10	7.32935	41.7308	0	0	0	0	20.0655	6.74716	0.748611	44.2967	86.2845	0	0	0
7107	10	6.74286	45.5325	0	0	0	0	21.2391	7.49143	0.7325	42.0571	85.414	0	0	0
7108	10	9.38206	28.425	0	0	0	0	15.9577	4.14221	0.805	52.135	89.3311	0	0	0
7109	10	13.5314	67.4775	0	0	0	0	30.0328	13.51	1.6	52.8938	85.528	0	0	0
7110	10	11.3347	67.4775	0	0	0	0	31.3803	13.4414	1.65357	50.4705	85.3496	0	0	0
7111	10	13.9429	75.24	0	0	0	0	30.3797	8.21	1.55	47.3759	85.2002	0	0	0
7112	10	11.3971	75.24	0	0	0	0	30.37	8.21	1.60357	47.5312	85.2189	0	0	0
7113	10	8.00286	75.24	0	0	0	0	30.3571	8.21	1.675	47.7382	85.2438	0	0	0
7114	10	12.7867	51.8071	0	0	0	0	20.6439	7.92714	1.41286	57.7375	86.8165	0	0	0
7115	10	15	45.835	0	0	0	0	19.8465	7.58	1.415	58.2663	86.7705	0	0	0
7116	10	10.3423	61.7429	0	0	0	0	22.602	9.945	1.48708	54.939	88.0555	0	0	0
7117	10	12.3875	64.2213	0	0	0	0	21.2923	9.165	1.38875	57.8801	88.2298	0	0	0
7118	10	13.9214	66.08	0	0	0	0	20.3101	8.58	1.315	60.0859	88.3605	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7120	10	9.25714	67.295	0	0	0	0	25.5427	8.00286	0.95	48.8866	83.6047	0	0	0
7121	10	8.68163	67.295	0	0	0	0	27.0355	8.4994	0.928571	48.5686	82.6096	0	0	0
7122	10	9.00656	68.125	0	0	0	0	20.9233	8.53433	0.712501	49.0132	87.5766	0	0	0
7125	10	9.00656	51.8	0	0	0	0	20.9233	8.53433	0.757501	49.0132	87.5766	0	0	0
7128	10	9.00656	86.5	0	0	0	0	20.9233	8.53433	0.757501	49.0132	87.5766	0	0	0
7131	10	10.853	102.153	0	0	0	0	26.9541	9.94918	1.25643	48.6456	83.1718	0	0	0
7132	10	11.6612	102.005	0	0	0	0	27.1152	10.1043	1.25	47.7089	82.8123	0	0	0
7133	10	14.6571	107.615	0	0	0	0	35.62	0.92	3.155	50.33	89.7205	0	0	0
7134	10	14.9429	107.615	0	0	0	0	33.6838	0.92	3.155	52.5601	89.7205	0	0	0
7137	10	11.0858	67.295	0	0	0	0	25.4962	13.76	1.02143	48.2631	86.5428	0	0	0
7138	10	13.1	67.295	0	0	0	0	25.4962	13.76	1	50.1317	87.4011	0	0	0
7139	10	10.0112	61.145	0	0	0	0	25.5327	12.51	1.27	45.0999	82.9722	0	0	0
7140	10	12.2643	61.145	0	0	0	0	25.5327	12.51	1.27	45.1047	82.9224	0	0	0
7141	10	9.97448	43.3621	0	0	0	0	26.8051	11.28	0.875	50.7145	79.3804	0	0	0
7142	10	12.8929	42.965	0	0	0	0	24.9938	11.52	0.875	55.5601	79.1805	0	0	0
7143	10	10.1663	43.3621	0	0	0	0	26.8051	11.28	1.175	50.7145	79.3804	0	0	0
7144	10	12.9214	42.965	0	0	0	0	24.9938	11.52	1.175	55.5601	79.1805	0	0	0
7145	10	10.2061	67.295	0	0	0	0	25.4962	13.76	1.02857	47.6403	86.2566	0	0	0
7146	10	12.6143	67.295	0	0	0	0	25.4962	13.76	1	50.1317	87.4011	0	0	0
7147	10	9.48672	28.26	0	0	0	0	29.1074	7.09571	0.985714	46.1533	83.0905	0	0	0
7148	10	12.8214	30.8	0	0	0	0	26.1724	7.93	0.86	50.1621	82.9145	0	0	0
7149	10	9.52346	28.26	0	0	0	0	29.1074	7.09571	1.08571	46.1533	83.0905	0	0	0
7150	10	12.9071	30.8	0	0	0	0	26.1724	7.93	0.96	50.1621	82.9145	0	0	0
7151	10	9.50306	28.26	0	0	0	0	29.1074	7.09571	0.985714	46.1533	83.0905	0	0	0
7152	10	12.1807	135.145	0	0	0	0	23.7225	8.616	1.156	48.3301	85.0667	0	0	0
7153	10	14.4071	155.95	0	0	0	0	21.5538	8.94	1	51.6801	85.6105	0	0	0
7154	10	12.2429	67.295	0	0	0	0	25.1214	12.6	0.976364	49.9305	84.1507	0	0	0
7155	10	10.0163	61.145	0	0	0	0	25.576	12.51	1.02714	47.4312	83.6393	0	0	0
7156	10	12.2857	61.145	0	0	0	0	25.576	12.51	0.97	50.6255	84.4924	0	0	0
7157	10	9.6245	61.145	0	0	0	0	22.3511	12.5743	1.27	49.9916	83.1565	0	0	0
7158	10	13.1429	61.145	0	0	0	0	20.7508	12.66	1.27	52.3156	83.3523	0	0	0
7159	10	11.2143	58.015	0	0	0	0	32.6029	10.42	0.922143	43.5897	83.0592	0	0	0
7160	10	13.7857	58.015	0	0	0	0	32.6223	10.42	0.965	43.244	83.0218	0	0	0
7161	10	10.9715	67.295	0	0	0	0	25.4962	13.76	0.928571	48.2631	86.5428	0	0	0
7162	10	12.9	67.295	0	0	0	0	25.4962	13.76	0.95	50.1317	87.4011	0	0	0
7163	10	12.2429	67.295	0	0	0	0	27.0321	12.1429	1.13964	48.1181	83.5465	0	0	0
7164	10	11.2153	67.295	0	0	0	0	24.8629	13.79	0.928571	46.8341	85.4485	0	0	0
7165	10	13.1286	67.295	0	0	0	0	24.8629	13.79	0.95	46.8985	85.4111	0	0	0
7166	10	10.0265	65.62	0	0	0	0	24.7823	12.2871	1.00857	49.0182	83.8202	0	0	0
7167	10	13.0143	92.84	0	0	0	0	21.4443	11.71	0.9	54.848	86.8399	0	0	0
7168	10	11.9007	87.527	0	0	0	0	23.845	7.41	1.4075	53.332	87.6167	0	0	0
7169	10	13.2571	87.755	0	0	0	0	23.47	7.23	1.415	54.43	87.9505	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7170	10	11.6214	79.275	0	0	0	0	25.2434	11.58	1.63	47.0825	87.294	0	0	0
7171	10	13.0357	79.275	0	0	0	0	25.2434	11.58	1.615	47.088	87.2678	0	0	0
7172	10	12.799	106.556	0	0	0	0	24.8942	8.87429	1.13286	54.2007	84.6593	0	0	0
7173	10	15.1286	109.16	0	0	0	0	23.9749	9.02	1.045	55.6528	85.2305	0	0	0
7174	10	7.78571	60.625	0	0	0	0	29.3287	13.86	0.92	46.5565	83.2192	0	0	0
7175	10	12.5071	59.87	0	0	0	0	22.2206	13.93	0.74	51.0196	85.0204	0	0	0
7176	10	10.0388	65.62	0	0	0	0	24.7823	12.2871	1.13	49.0182	83.8202	0	0	0
7177	10	13.0429	92.84	0	0	0	0	21.4443	11.71	1.05	54.848	86.8399	0	0	0
7178	10	11	68.13	0	0	0	0	26.9541	9.94918	1.29643	48.6456	83.1718	0	0	0
7179	10	11.6612	68.13	0	0	0	0	27.1152	10.1043	1.275	47.7089	82.8123	0	0	0
7180	10	11.749	54.985	0	0	0	0	30.33	13.4586	1.6	51.7591	86.4433	0	0	0
7181	10	13.8857	54.985	0	0	0	0	29.4355	13.51	1.45	53.1475	86.556	0	0	0
7182	10	11.2714	54.985	0	0	0	0	30.33	13.4586	1.6	51.7591	86.4433	0	0	0
7183	10	12.3421	79.275	0	0	0	0	21.2443	11.685	1.49	53.1838	87.609	0	0	0
7184	10	13.9429	79.275	0	0	0	0	20.3796	11.73	1.415	54.453	87.7178	0	0	0
7185	10	10.9738	85.0489	0	0	0	0	24.5733	10.0956	1.63389	54.667	87.6647	0	0	0
7186	10	12.4786	84.52	0	0	0	0	22.6325	10.94	1.565	56.3023	87.7503	0	0	0
7187	10	10.9897	85.0489	0	0	0	0	24.5733	10.0956	1.63389	54.667	87.6647	0	0	0
7188	10	12.5071	84.52	0	0	0	0	22.6325	10.94	1.565	56.3023	87.7503	0	0	0
7189	10	11.5982	79.275	0	0	0	0	25.2695	11.58	1.5275	47.0467	87.2896	0	0	0
7190	10	12.6929	79.275	0	0	0	0	25.2695	11.58	1.515	47.05	87.2678	0	0	0
7193	10	8.96984	54.985	0	0	0	0	31.5809	13.3856	1.1	49.773	86.266	0	0	0
7194	10	10.746	54.985	0	0	0	0	30.6615	13.4389	1.1	51.2192	86.3903	0	0	0
7195	10	13.1143	54.985	0	0	0	0	29.4355	13.51	1.1	53.1475	86.556	0	0	0
7196	10	10.7735	67.295	0	0	0	0	26.5198	13.76	0.857143	50.7307	86.4903	0	0	0
7197	10	13.0143	67.295	0	0	0	0	26.5392	13.76	0.9	52.204	87.3486	0	0	0
7198	10	9.61983	54.985	0	0	0	0	31.5809	13.3856	1.1	49.773	86.266	0	0	0
7199	10	11.1175	54.985	0	0	0	0	30.6615	13.4389	1.1	51.2192	86.3903	0	0	0
7200	10	11.2572	67.295	0	0	0	0	26.5198	13.76	0.928571	50.7307	86.4903	0	0	0
7201	10	13.7857	67.295	0	0	0	0	26.5392	13.76	0.95	52.204	87.3486	0	0	0
7203	10	8.12857	60.625	0	0	0	0	29.3287	13.86	0.87	46.5565	83.2192	0	0	0
7204	10	12.4786	59.87	0	0	0	0	22.2206	13.93	0.74	51.0196	85.0204	0	0	0
7205	10	7.44758	32.8206	0	0	0	0	19.951	6.62988	0.67	45.7155	86.4733	0	0	0
7206	10	8.44038	29.0189	0	0	0	0	18.5	6.10041	0.683312	48.7474	87.5614	0	0	0
7207	10	9.76411	23.95	0	0	0	0	16.5654	5.39443	0.70106	52.79	89.0122	0	0	0
7208	10	9.52461	54.985	0	0	0	0	31.5107	13.39	1.23889	49.8258	86.2794	0	0	0
7209	10	10.6437	54.985	0	0	0	0	31.0211	13.42	1.22222	50.4992	86.3336	0	0	0
7210	10	12.1357	54.985	0	0	0	0	30.3684	13.46	1.2	51.3971	86.406	0	0	0
7213	10	9.98674	43.3621	0	0	0	0	26.8051	11.28	0.867857	50.7145	79.3804	0	0	0
7214	10	12.9214	42.965	0	0	0	0	24.9938	11.52	0.725	55.5601	79.1805	0	0	0
7217	10	12.0407	87.527	0	0	0	0	23.845	7.41	1.5525	53.332	87.6167	0	0	0
7218	10	13.4571	87.755	0	0	0	0	23.47	7.23	1.515	54.43	87.9505	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7219	10	11.2143	58.015	0	0	0	0	32.6029	10.42	0.943571	43.5897	83.0592	0	0	0
7220	10	9.03492	34.215	0	0	0	0	27.3559	7.52444	0.719444	47.4165	80.0705	0	0	0
7221	10	9.13016	32.46	0	0	0	0	24.855	7.11111	0.726111	48.2801	80.9748	0	0	0
7222	10	9.25714	30.12	0	0	0	0	21.5207	6.56	0.735	49.4315	82.1805	0	0	0
7223	10	7.44758	37.8206	0	0	0	0	19.951	6.62988	0.758333	45.7155	86.4733	0	0	0
7224	10	8.44038	34.0189	0	0	0	0	18.5	6.10041	0.763333	48.7474	87.5614	0	0	0
7225	10	9.76411	28.95	0	0	0	0	16.5654	5.39443	0.77	52.79	89.0122	0	0	0
7226	10	13.7429	54.985	0	0	0	0	29.4355	13.51	1.5	53.1475	86.556	0	0	0
7227	10	11.5479	54.985	0	0	0	0	30.6177	13.4414	1.60714	51.2881	86.3962	0	0	0
7228	10	14.0857	60.16	0	0	0	0	29.5094	8.21	1.5	48.2519	86.2305	0	0	0
7229	10	11.5143	60.16	0	0	0	0	29.49	8.21	1.60714	48.5624	86.2679	0	0	0
7232	10	9.83571	59.77	0	0	0	0	21.707	8.39	1.41	57.0323	86.8777	0	0	0
7233	10	8.80833	59.8842	0	0	0	0	23.5842	10.53	1.56083	52.7331	87.9248	0	0	0
7234	10	7.78571	58.645	0	0	0	0	24.2389	10.92	1.61	51.2626	87.8377	0	0	0
7235	10	13.4232	68.25	0	0	0	0	18.5304	10.9542	0.702501	56.9854	86.7925	0	0	0
7236	10	10.6415	62.0357	0	0	0	0	19.339	10.9217	0.690712	53.8061	86.4404	0	0	0
7237	10	6.93245	53.75	0	0	0	0	20.4171	10.8785	0.674993	49.5671	85.9711	0	0	0
7238	10	13.1071	54.985	0	0	0	0	32.2391	13.35	1.7	51.2865	87.886	0	0	0
7239	10	11.1847	54.985	0	0	0	0	32.2197	13.35	1.72143	50.2247	87.1562	0	0	0
7240	10	8.62143	54.985	0	0	0	0	32.1939	13.35	1.75	48.8089	86.1832	0	0	0
7241	10	8.68163	67.295	0	0	0	0	26.2855	7.96369	0.928571	48.0718	83.3127	0	0	0
7242	10	7.91429	67.295	0	0	0	0	28.026	8.44714	0.9	47.4821	82.2202	0	0	0
7244	10	7.91429	67.295	0	0	0	0	25.076	10.615	0.9	49.6786	82.1631	0	0	0
7245	10	7.91429	67.295	0	0	0	0	23.5403	9.92571	0.9	53.1042	83.3097	0	0	0
7246	10	7.91429	67.295	0	0	0	0	26.4046	8.44357	0.9	46.1169	83.054	0	0	0
7249	10	9.26508	67.295	0	0	0	0	18.7534	8.02746	0.95	47.7089	87.1874	0	0	0
7250	10	8.2155	62.9714	0	0	0	0	21.7523	7.75646	0.696426	50.0051	86.8282	0	0	0
7253	10	7.16311	56.1	0	0	0	0	24.8688	9.12139	0.674993	49.6951	85.5614	0	0	0
7255	10	7.16914	56.1	0	0	0	0	27.4511	8.74407	0.674993	47.1531	83.0791	0	0	0
7256	10	7.17311	56.1	0	0	0	0	24.746	8.31166	0.674993	50.6282	85.8796	0	0	0
7257	10	8.23534	62.9714	0	0	0	0	26.8844	8.20646	0.696426	47.5242	84.7423	0	0	0
7258	10	9.03037	68.125	0	0	0	0	26.884	8.74703	0.712501	48.3616	84.7423	0	0	0
7259	10	8.2155	52.3764	0	0	0	0	21.7523	7.75646	0.734998	50.0051	86.8282	0	0	0
7262	10	7.16311	53.145	0	0	0	0	24.8688	9.12139	0.704993	49.6951	85.5614	0	0	0
7264	10	7.16914	53.145	0	0	0	0	27.4511	8.74407	0.704993	47.1531	83.0791	0	0	0
7265	10	7.17311	53.145	0	0	0	0	24.746	8.31166	0.704993	50.6282	85.8796	0	0	0
7266	10	8.23534	52.3764	0	0	0	0	26.8844	8.20646	0.734998	47.5242	84.7423	0	0	0
7267	10	9.03037	51.8	0	0	0	0	26.884	8.74703	0.757501	48.3616	84.7423	0	0	0
7268	10	8.2155	76.9643	0	0	0	0	21.7523	7.75646	0.749998	50.0051	86.8282	0	0	0
7271	10	7.16311	64.25	0	0	0	0	24.8688	9.12139	0.739993	49.6951	85.5614	0	0	0
7273	10	7.16914	64.25	0	0	0	0	27.4511	8.74407	0.739993	47.1531	83.0791	0	0	0
7274	10	7.17311	64.25	0	0	0	0	24.746	8.31166	0.739993	50.6282	85.8796	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7275	10	8.23534	76.9643	0	0	0	0	26.8844	8.20646	0.749998	47.5242	84.7423	0	0	0
7276	10	9.03037	86.5	0	0	0	0	26.884	8.74703	0.757501	48.3616	84.7423	0	0	0
7277	10	11.6612	102.005	0	0	0	0	27.1152	10.1043	1.25	47.7089	82.8123	0	0	0
7278	10	10.853	102.153	0	0	0	0	26.9541	9.94918	1.25643	48.6456	83.1718	0	0	0
7279	10	9.7755	102.35	0	0	0	0	25.5599	8.4	1.265	53.981	85.7392	0	0	0
7280	10	13.2357	54.985	0	0	0	0	29.3069	13.51	1.1	53.3809	86.576	0	0	0
7281	10	9.32143	54.985	0	0	0	0	29.2616	13.51	1.1	53.5647	86.6632	0	0	0
7282	10	12.0143	114.67	0	0	0	0	38.68	1.28	3.42	46.63	86.5277	0	0	0
7283	10	12.3	114.67	0	0	0	0	36.6985	1.28	3.42	49.7824	86.5277	0	0	0
7291	10	13.1	67.295	0	0	0	0	25.4962	13.76	1	50.1317	87.4011	0	0	0
7292	10	11.0858	67.295	0	0	0	0	25.4962	13.76	1.02143	48.2631	86.5428	0	0	0
7293	10	8.4	67.295	0	0	0	0	25.4962	13.76	1.05	45.7717	85.3983	0	0	0
7303	10	10.7484	54.985	0	0	0	0	32.219	13.35	1.22222	50.1854	87.1291	0	0	0
7304	10	9.47224	54.985	0	0	0	0	32.2039	13.35	1.23889	49.3595	86.5616	0	0	0
7305	10	8.62143	54.985	0	0	0	0	32.1939	13.35	1.25	48.8089	86.1832	0	0	0
7306	10	12.2643	61.145	0	0	0	0	25.5327	12.51	1.27	45.1047	82.9224	0	0	0
7307	10	10.0112	61.145	0	0	0	0	25.5327	12.51	1.27	45.0999	82.9722	0	0	0
7308	10	8.32143	61.145	0	0	0	0	25.5327	12.51	1.27	45.0962	83.0096	0	0	0
7309	10	12.55	61.145	0	0	0	0	23.5965	12.51	0.82	47.3348	82.9224	0	0	0
7310	10	9.82755	61.145	0	0	0	0	23.5707	12.51	0.962857	47.8569	82.9722	0	0	0
7311	10	7.78571	61.145	0	0	0	0	23.5513	12.51	1.07	48.2486	83.0096	0	0	0
7312	10	9.97448	43.3621	0	0	0	0	26.8051	11.28	0.875	50.7145	79.3804	0	0	0
7313	10	7.78571	43.66	0	0	0	0	28.1636	11.1	0.875	47.0803	79.5303	0	0	0
7320	10	10.1663	43.3621	0	0	0	0	26.8051	11.28	1.175	50.7145	79.3804	0	0	0
7321	10	8.1	43.66	0	0	0	0	28.1636	11.1	1.175	47.0803	79.5303	0	0	0
7322	10	12.6143	67.295	0	0	0	0	25.4962	13.76	1	50.1317	87.4011	0	0	0
7323	10	10.2061	67.295	0	0	0	0	25.4962	13.76	1.02857	47.6403	86.2566	0	0	0
7324	10	12.8214	30.8	0	0	0	0	26.1724	7.93	0.86	50.1621	82.9145	0	0	0
7325	10	9.48672	28.26	0	0	0	0	29.1074	7.09571	0.985714	46.1533	83.0905	0	0	0
7326	10	6.98571	26.355	0	0	0	0	31.3086	6.47	1.08	43.1467	83.2225	0	0	0
7327	10	12.9	67.295	0	0	0	0	23.5599	13.76	1	52.3618	87.4011	0	0	0
7328	10	10.4918	67.295	0	0	0	0	23.5341	13.76	1.02857	50.3974	86.2566	0	0	0
7329	10	8.68571	67.295	0	0	0	0	23.5147	13.76	1.05	48.9241	85.3983	0	0	0
7330	10	12.9071	30.8	0	0	0	0	26.1724	7.93	0.96	50.1621	82.9145	0	0	0
7331	10	9.52346	28.26	0	0	0	0	29.1074	7.09571	1.08571	46.1533	83.0905	0	0	0
7332	10	6.98571	26.355	0	0	0	0	31.3086	6.47	1.18	43.1467	83.2225	0	0	0
7333	10	12.55	61.145	0	0	0	0	23.5965	12.51	1.27	47.3348	82.9224	0	0	0
7334	10	10.2969	61.145	0	0	0	0	23.5707	12.51	1.27	47.8569	82.9722	0	0	0
7335	10	8.60714	61.145	0	0	0	0	23.5513	12.51	1.27	48.2486	83.0096	0	0	0
7336	10	9.50306	28.26	0	0	0	0	29.1074	7.09571	0.985714	46.1533	83.0905	0	0	0
7337	10	7.01429	26.355	0	0	0	0	31.3086	6.47	1.08	43.1467	83.2225	0	0	0
7338	10	14.25	68.13	0	0	0	0	24.3682	11.12	1.225	55.5497	87.1204	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7339	10	11.9327	68.13	0	0	0	0	24.3488	11.12	1.225	53.3821	85.7692	0	0	0
7340	10	8.84286	68.13	0	0	0	0	24.323	11.12	1.225	50.4921	83.9676	0	0	0
7341	10	12.4279	68.13	0	0	0	0	24.3547	11.12	1.36	54.0324	86.1746	0	0	0
7342	10	10.3793	68.13	0	0	0	0	24.3365	11.12	1.34	52.0094	84.9134	0	0	0
7343	10	8.84286	68.13	0	0	0	0	24.323	11.12	1.325	50.4921	83.9676	0	0	0
7344	10	12.1657	68.13	0	0	0	0	23.2869	11.18	1.36	51.6561	84.0765	0	0	0
7345	10	9.20571	68.13	0	0	0	0	23.2688	11.18	1.34	51.9234	84.1114	0	0	0
7346	10	6.98571	68.13	0	0	0	0	23.2553	11.18	1.325	52.1239	84.1376	0	0	0
7347	10	12.8321	68.13	0	0	0	0	23.2869	11.18	1.36	51.6561	84.0765	0	0	0
7348	10	10.7607	68.13	0	0	0	0	23.2688	11.18	1.34	51.9234	84.1114	0	0	0
7349	10	9.20714	68.13	0	0	0	0	23.2553	11.18	1.325	52.1239	84.1376	0	0	0
7350	10	14.4786	68.13	0	0	0	0	22.8952	11.2	1.175	52.1817	84.1104	0	0	0
7351	10	12.2592	68.13	0	0	0	0	22.8758	11.2	1.21786	52.4266	84.1478	0	0	0
7352	10	9.3	68.13	0	0	0	0	22.8499	11.2	1.275	52.7532	84.1976	0	0	0
7354	10	14.7643	68.13	0	0	0	0	20.6901	11.31	1.225	56.039	84.4504	0	0	0
7355	10	13.2107	68.13	0	0	0	0	20.6766	11.31	1.24	56.0551	84.4766	0	0	0
7356	10	11.1393	68.13	0	0	0	0	20.6585	11.31	1.26	56.0765	84.5114	0	0	0
7357	10	9.58571	68.13	0	0	0	0	20.6449	11.31	1.275	56.0925	84.5376	0	0	0
7358	10	13.8786	68.13	0	0	0	0	24.3682	11.12	1.075	55.5497	87.1204	0	0	0
7359	10	10.397	68.13	0	0	0	0	24.3424	11.12	1.10357	52.6597	85.3188	0	0	0
7360	10	7.78571	68.13	0	0	0	0	24.323	11.12	1.125	50.4921	83.9676	0	0	0
7361	10	11.001	68.13	0	0	0	0	24.3424	11.12	1.10357	52.6597	85.3188	0	0	0
7362	10	8.84286	68.13	0	0	0	0	24.323	11.12	1.125	50.4921	83.9676	0	0	0
7363	10	13.1707	68.13	0	0	0	0	20.6766	11.31	1.29	56.0551	84.4766	0	0	0
7364	10	11.1221	68.13	0	0	0	0	20.6585	11.31	1.31	56.0765	84.5114	0	0	0
7365	10	9.58571	68.13	0	0	0	0	20.6449	11.31	1.325	56.0925	84.5376	0	0	0
7366	10	9.69184	67.295	0	0	0	0	25.4962	13.76	1.02857	47.6403	86.2566	0	0	0
7367	10	7.5	67.295	0	0	0	0	25.4962	13.76	1.05	45.7717	85.3983	0	0	0
7368	10	14.9571	68.13	0	0	0	0	21.0346	11.29	1.175	55.4341	84.3904	0	0	0
7369	10	12.6275	68.13	0	0	0	0	21.0152	11.29	1.19643	55.4917	84.4278	0	0	0
7370	10	9.52143	68.13	0	0	0	0	20.9893	11.29	1.225	55.5683	84.4776	0	0	0
7371	10	12.5679	68.13	0	0	0	0	24.3547	11.12	1.165	54.0324	86.1746	0	0	0
7372	10	10.4393	68.13	0	0	0	0	24.3365	11.12	1.285	52.0094	84.9134	0	0	0
7373	10	8.84286	68.13	0	0	0	0	24.323	11.12	1.375	50.4921	83.9676	0	0	0
7374	10	14.6214	68.13	0	0	0	0	23.4277	11.17	1.175	51.2463	84.0304	0	0	0
7375	10	12.2796	68.13	0	0	0	0	23.4083	11.17	1.175	51.5452	84.0678	0	0	0
7376	10	9.15714	68.13	0	0	0	0	23.3825	11.17	1.175	51.9438	84.1176	0	0	0
7377	10	13.1707	68.13	0	0	0	0	20.6766	11.31	1.34	56.0551	84.4766	0	0	0
7378	10	11.1221	68.13	0	0	0	0	20.6585	11.31	1.36	56.0765	84.5114	0	0	0
7379	10	9.58571	68.13	0	0	0	0	20.6449	11.31	1.375	56.0925	84.5376	0	0	0
7380	10	9.21214	107.405	0	0	0	0	26.614	8.184	1.364	43.8634	84.3415	0	0	0
7381	10	6.98571	86.6	0	0	0	0	28.7827	7.86	1.52	40.5134	83.7977	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7382	10	10.5643	68.13	0	0	0	0	24.2493	10.43	1.175	51.4509	84.3858	0	0	0
7383	10	9.97654	68.13	0	0	0	0	26.1644	11.1425	1.21786	47.0332	83.1105	0	0	0
7384	10	9.1996	68.13	0	0	0	0	26.6185	7.20722	1.275	48.2902	80.1455	0	0	0
7385	10	12.5714	61.145	0	0	0	0	23.6398	12.51	0.97	52.8555	84.4924	0	0	0
7386	10	10.302	61.145	0	0	0	0	23.6139	12.51	0.998571	50.1883	83.6393	0	0	0
7387	10	8.6	61.145	0	0	0	0	23.5945	12.51	1.02	48.1879	82.9996	0	0	0
7388	10	14.5929	68.13	0	0	0	0	22.8952	11.2	0.925	52.1817	84.1104	0	0	0
7389	10	11.4184	68.13	0	0	0	0	22.8758	11.2	0.946429	52.4266	84.1478	0	0	0
7390	10	7.18571	68.13	0	0	0	0	22.8499	11.2	0.975	52.7532	84.1976	0	0	0
7391	10	13.85	68.13	0	0	0	0	24.3682	11.12	0.925	55.5497	87.1204	0	0	0
7392	10	10.9888	68.13	0	0	0	0	24.3424	11.12	1.06786	52.6597	85.3188	0	0	0
7393	10	8.84286	68.13	0	0	0	0	24.323	11.12	1.175	50.4921	83.9676	0	0	0
7394	10	12.2857	61.145	0	0	0	0	25.576	12.51	0.97	50.6255	84.4924	0	0	0
7395	10	10.0163	61.145	0	0	0	0	25.576	12.51	1.02714	47.4312	83.6393	0	0	0
7396	10	8.31429	61.145	0	0	0	0	25.576	12.51	1.07	45.0355	82.9996	0	0	0
7397	10	10.7929	68.13	0	0	0	0	24.3424	11.12	1.06786	52.6597	85.3188	0	0	0
7398	10	8.5	68.13	0	0	0	0	24.323	11.12	1.175	50.4921	83.9676	0	0	0
7399	10	14.85	68.13	0	0	0	0	21.8157	11.25	1.175	54.0835	84.2804	0	0	0
7400	10	12.5449	68.13	0	0	0	0	21.7963	11.25	1.21786	54.2189	84.3178	0	0	0
7401	10	9.47143	68.13	0	0	0	0	21.7705	11.25	1.275	54.3994	84.3676	0	0	0
7402	10	13.1429	61.145	0	0	0	0	20.7508	12.66	1.27	52.3156	83.3523	0	0	0
7403	10	9.6245	61.145	0	0	0	0	22.3511	12.5743	1.27	49.9916	83.1565	0	0	0
7404	10	6.98571	61.145	0	0	0	0	23.5513	12.51	1.27	48.2486	83.0096	0	0	0
7405	10	13.2107	68.13	0	0	0	0	20.6766	11.31	1.29	56.0551	84.4766	0	0	0
7406	10	11.1393	68.13	0	0	0	0	20.6585	11.31	1.31	56.0765	84.5114	0	0	0
7407	10	13.1857	67.295	0	0	0	0	23.5599	13.76	0.95	52.3618	87.4011	0	0	0
7408	10	11.2572	67.295	0	0	0	0	23.5406	13.76	0.928571	50.8885	86.5428	0	0	0
7409	10	8.68571	67.295	0	0	0	0	23.5147	13.76	0.9	48.9241	85.3983	0	0	0
7410	10	12.8429	67.295	0	0	0	0	23.5599	13.76	0.95	52.3618	87.4011	0	0	0
7411	10	12.7429	61.145	0	0	0	0	23.1589	12.54	0.97	48.1199	82.9824	0	0	0
7412	10	10.4735	61.145	0	0	0	0	23.133	12.54	0.998571	48.5818	83.0322	0	0	0
7413	10	8.77143	61.145	0	0	0	0	23.1136	12.54	1.02	48.9282	83.0696	0	0	0
7414	10	13.7857	58.015	0	0	0	0	32.6223	10.42	0.965	43.244	83.0218	0	0	0
7415	10	11.2143	58.015	0	0	0	0	32.6029	10.42	0.922143	43.5897	83.0592	0	0	0
7416	10	7.78571	58.015	0	0	0	0	32.5771	10.42	0.865	44.0506	83.109	0	0	0
7417	10	12.9	67.295	0	0	0	0	25.4962	13.76	0.95	50.1317	87.4011	0	0	0
7418	10	10.9715	67.295	0	0	0	0	25.4962	13.76	0.928571	48.2631	86.5428	0	0	0
7419	10	8.4	67.295	0	0	0	0	25.4962	13.76	0.9	45.7717	85.3983	0	0	0
7420	10	12.0429	79.275	0	0	0	0	23.3717	11.57	1.415	55.2176	88.8696	0	0	0
7421	10	10.5095	79.275	0	0	0	0	23.3565	11.57	1.48167	52.945	88.192	0	0	0
7422	10	9.35951	79.275	0	0	0	0	23.3452	11.57	1.53167	51.2406	87.6838	0	0	0
7423	10	8.59286	79.275	0	0	0	0	23.3377	11.57	1.565	50.1043	87.345	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7424	10	10.302	61.145	0	0	0	0	23.6139	12.51	1.02714	50.1883	83.6393	0	0	0
7425	10	8.6	61.145	0	0	0	0	23.5945	12.51	1.07	48.1879	82.9996	0	0	0
7426	10	13.1286	67.295	0	0	0	0	24.8629	13.79	0.95	46.8985	85.4111	0	0	0
7427	10	11.2153	67.295	0	0	0	0	24.8629	13.79	0.928571	46.8341	85.4485	0	0	0
7428	10	8.66429	67.295	0	0	0	0	24.8629	13.79	0.9	46.7482	85.4983	0	0	0
7429	10	13.0143	92.84	0	0	0	0	21.4443	11.71	0.9	54.848	86.8399	0	0	0
7430	10	10.0265	65.62	0	0	0	0	24.7823	12.2871	1.00857	49.0182	83.8202	0	0	0
7431	10	7.78571	45.205	0	0	0	0	27.2859	12.72	1.09	44.6459	81.5555	0	0	0
7435	10	13.4143	67.295	0	0	0	0	22.9267	13.79	0.95	49.1285	85.4111	0	0	0
7436	10	11.501	67.295	0	0	0	0	22.9073	13.79	0.928571	49.4594	85.4485	0	0	0
7437	10	8.95	67.295	0	0	0	0	22.8815	13.79	0.9	49.9006	85.4983	0	0	0
7438	10	9.45306	61.145	0	0	0	0	23.133	12.54	0.998571	48.5818	83.0322	0	0	0
7439	10	6.98571	61.145	0	0	0	0	23.1136	12.54	1.02	48.9282	83.0696	0	0	0
7440	10	12.2429	67.295	0	0	0	0	27.0321	12.1429	1.13964	48.1181	83.5465	0	0	0
7441	10	10.0921	87.223	0	0	0	0	24.345	7.65	1.3975	51.868	87.1715	0	0	0
7442	10	8.73571	86.995	0	0	0	0	24.72	7.83	1.39	50.77	86.8377	0	0	0
7443	10	13.3286	67.295	0	0	0	0	23.5599	13.76	1.15	52.3618	87.4011	0	0	0
7444	10	11.3388	67.295	0	0	0	0	23.5406	13.76	1.15	50.8885	86.5428	0	0	0
7445	10	8.68571	67.295	0	0	0	0	23.5147	13.76	1.15	48.9241	85.3983	0	0	0
7446	10	13.0357	79.275	0	0	0	0	25.2434	11.58	1.615	47.088	87.2678	0	0	0
7447	10	11.6214	79.275	0	0	0	0	25.2434	11.58	1.63	47.0825	87.294	0	0	0
7448	10	9.73571	79.275	0	0	0	0	25.2434	11.58	1.65	47.0753	87.3288	0	0	0
7449	10	8.32143	79.275	0	0	0	0	25.2434	11.58	1.665	47.0698	87.355	0	0	0
7450	10	14.7643	68.13	0	0	0	0	20.6901	11.31	1.375	56.039	84.4504	0	0	0
7451	10	13.2107	68.13	0	0	0	0	20.6766	11.31	1.375	56.0551	84.4766	0	0	0
7452	10	11.1393	68.13	0	0	0	0	20.6585	11.31	1.375	56.0765	84.5114	0	0	0
7453	10	9.69286	103.085	0	0	0	0	26.1201	8.68	1.25	52.2646	83.8977	0	0	0
7454	10	12.6	61.145	0	0	0	0	23.6398	12.51	1.12	52.8555	84.4924	0	0	0
7455	10	10.3143	61.145	0	0	0	0	23.6139	12.51	1.12	50.1883	83.6393	0	0	0
7456	10	8.6	61.145	0	0	0	0	23.5945	12.51	1.12	48.1879	82.9996	0	0	0
7457	10	12.5071	59.87	0	0	0	0	22.2206	13.93	0.74	51.0196	85.0204	0	0	0
7458	10	7.78571	60.625	0	0	0	0	29.3287	13.86	0.92	46.5565	83.2192	0	0	0
7461	10	8.68571	67.295	0	0	0	0	27.0321	12.1429	1.13964	45.0038	82.0536	0	0	0
7462	10	13.0429	92.84	0	0	0	0	21.4443	11.71	1.05	54.848	86.8399	0	0	0
7463	10	10.0388	65.62	0	0	0	0	24.7823	12.2871	1.13	49.0182	83.8202	0	0	0
7464	10	7.78571	45.205	0	0	0	0	27.2859	12.72	1.19	44.6459	81.5555	0	0	0
7465	10	11.6612	68.13	0	0	0	0	27.1152	10.1043	1.275	47.7089	82.8123	0	0	0
7466	10	11	68.13	0	0	0	0	26.9541	9.94918	1.29643	48.6456	83.1718	0	0	0
7467	10	10.1184	68.13	0	0	0	0	25.5599	8.4	1.325	53.981	85.7392	0	0	0
7468	10	11.8929	79.275	0	0	0	0	23.3694	11.57	1.63	54.8767	88.768	0	0	0
7469	10	10.0071	79.275	0	0	0	0	23.3513	11.57	1.65	52.1496	87.9548	0	0	0
7470	10	8.59286	79.275	0	0	0	0	23.3377	11.57	1.665	50.1043	87.345	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7471	10	12.3245	68.13	0	0	0	0	22.8758	11.2	0.946429	52.4266	84.1478	0	0	0
7472	10	9.3	68.13	0	0	0	0	22.8499	11.2	0.975	52.7532	84.1976	0	0	0
7473	10	13.8857	54.985	0	0	0	0	29.4355	13.51	1.45	53.1475	86.556	0	0	0
7474	10	11.749	54.985	0	0	0	0	30.33	13.4586	1.6	51.7591	86.4433	0	0	0
7475	10	8.9	54.985	0	0	0	0	31.5226	13.39	1.8	49.9079	86.2932	0	0	0
7476	10	13.4429	54.985	0	0	0	0	31.5679	13.39	1.65	49.1555	86.206	0	0	0
7477	10	11.4959	54.985	0	0	0	0	31.5485	13.39	1.73571	49.4779	86.2433	0	0	0
7478	10	8.9	54.985	0	0	0	0	31.5226	13.39	1.85	49.9079	86.2932	0	0	0
7479	10	11.2714	54.985	0	0	0	0	30.33	13.4586	1.6	51.7591	86.4433	0	0	0
7480	10	7.78571	54.985	0	0	0	0	31.5226	13.39	1.8	49.9079	86.2932	0	0	0
7481	10	13.4429	54.985	0	0	0	0	31.5679	13.39	1.6	49.1555	86.206	0	0	0
7482	10	11.4959	54.985	0	0	0	0	31.5485	13.39	1.68571	49.4779	86.2433	0	0	0
7483	10	13.9429	79.275	0	0	0	0	20.3796	11.73	1.415	54.453	87.7178	0	0	0
7484	10	12.3421	79.275	0	0	0	0	21.2443	11.685	1.49	53.1838	87.609	0	0	0
7485	10	10.2079	79.275	0	0	0	0	22.3972	11.625	1.59	51.4915	87.4638	0	0	0
7486	10	8.60714	79.275	0	0	0	0	23.2619	11.58	1.665	50.2222	87.355	0	0	0
7487	10	12.4786	84.52	0	0	0	0	22.6325	10.94	1.565	56.3023	87.7503	0	0	0
7488	10	10.9738	85.0489	0	0	0	0	24.5733	10.0956	1.63389	54.667	87.6647	0	0	0
7489	10	9.84524	85.4456	0	0	0	0	26.0288	9.46222	1.68556	53.4405	87.6004	0	0	0
7490	10	9.09286	85.71	0	0	0	0	26.9992	9.04	1.72	52.6228	87.5576	0	0	0
7491	10	12.5429	61.145	0	0	0	0	23.6398	12.51	1.32	52.8555	84.4924	0	0	0
7492	10	10.7905	61.145	0	0	0	0	23.6197	12.51	1.32	50.7811	83.8289	0	0	0
7493	10	9.47619	61.145	0	0	0	0	23.6046	12.51	1.32	49.2251	83.3313	0	0	0
7494	10	8.6	61.145	0	0	0	0	23.5945	12.51	1.32	48.1879	82.9996	0	0	0
7495	10	12.0554	79.275	0	0	0	0	23.322	11.58	1.415	49.5074	87.2896	0	0	0
7496	10	10.5197	79.275	0	0	0	0	23.3069	11.58	1.48167	49.8104	87.3187	0	0	0
7497	10	9.36785	79.275	0	0	0	0	23.2956	11.58	1.53167	50.0377	87.3405	0	0	0
7498	10	8.6	79.275	0	0	0	0	23.288	11.58	1.565	50.1892	87.355	0	0	0
7499	10	12.5071	84.52	0	0	0	0	22.6325	10.94	1.565	56.3023	87.7503	0	0	0
7500	10	10.9897	85.0489	0	0	0	0	24.5733	10.0956	1.63389	54.667	87.6647	0	0	0
7501	10	9.85158	85.4456	0	0	0	0	26.0288	9.46222	1.68556	53.4405	87.6004	0	0	0
7502	10	11.5982	79.275	0	0	0	0	25.2695	11.58	1.5275	47.0467	87.2896	0	0	0
7503	10	10.1387	79.275	0	0	0	0	25.2695	11.58	1.54417	47.0423	87.3187	0	0	0
7504	10	9.04405	79.275	0	0	0	0	25.2695	11.58	1.55667	47.039	87.3405	0	0	0
7505	10	8.31429	79.275	0	0	0	0	25.2695	11.58	1.565	47.0369	87.355	0	0	0
7506	10	11.0184	54.985	0	0	0	0	31.5485	13.39	1.68571	49.4779	86.2433	0	0	0
7507	10	12.575	79.275	0	0	0	0	20.4355	11.7225	1.415	54.5355	87.7321	0	0	0
7508	10	10.8083	79.275	0	0	0	0	21.7033	11.6592	1.48167	52.6038	87.5645	0	0	0
7509	10	9.48332	79.275	0	0	0	0	22.6542	11.6117	1.53167	51.1551	87.4388	0	0	0
7510	10	11.8839	79.275	0	0	0	0	23.322	11.58	1.5275	49.5074	87.2896	0	0	0
7511	10	10.4244	79.275	0	0	0	0	23.3069	11.58	1.54417	49.8104	87.3187	0	0	0
7512	10	9.32976	79.275	0	0	0	0	23.2956	11.58	1.55667	50.0377	87.3405	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7513	10	11.8837	68.13	0	0	0	0	21.0152	11.29	1.19643	55.4917	84.4278	0	0	0
7514	10	7.78571	68.13	0	0	0	0	20.9893	11.29	1.225	55.5683	84.4776	0	0	0
7518	10	11.6804	79.275	0	0	0	0	23.322	11.58	1.5275	49.5074	87.2896	0	0	0
7519	10	9.94941	79.275	0	0	0	0	23.3069	11.58	1.54417	49.8104	87.3187	0	0	0
7520	10	8.65119	79.275	0	0	0	0	23.2956	11.58	1.55667	50.0377	87.3405	0	0	0
7521	10	7.78571	79.275	0	0	0	0	23.288	11.58	1.565	50.1892	87.355	0	0	0
7522	10	13.6143	54.985	0	0	0	0	31.5679	13.39	1.45	49.1555	86.206	0	0	0
7523	10	11.5939	54.985	0	0	0	0	31.5485	13.39	1.6	49.4779	86.2433	0	0	0
7524	10	10.8119	54.985	0	0	0	0	32.219	13.35	1.12222	50.1854	87.1291	0	0	0
7525	10	9.49761	54.985	0	0	0	0	32.2039	13.35	1.13889	49.3595	86.5616	0	0	0
7526	10	8.62143	54.985	0	0	0	0	32.1939	13.35	1.15	48.8089	86.1832	0	0	0
7527	10	10.746	54.985	0	0	0	0	30.6615	13.4389	1.1	51.2192	86.3903	0	0	0
7528	10	8.96984	54.985	0	0	0	0	31.5809	13.3856	1.1	49.773	86.266	0	0	0
7529	10	7.78571	54.985	0	0	0	0	32.1939	13.35	1.1	48.8089	86.1832	0	0	0
7530	10	13.0143	67.295	0	0	0	0	26.5392	13.76	0.9	52.204	87.3486	0	0	0
7531	10	10.7735	67.295	0	0	0	0	26.5198	13.76	0.857143	50.7307	86.4903	0	0	0
7532	10	7.78571	67.295	0	0	0	0	26.4939	13.76	0.8	48.7663	85.3458	0	0	0
7533	10	11.1175	54.985	0	0	0	0	30.6615	13.4389	1.1	51.2192	86.3903	0	0	0
7534	10	9.61983	54.985	0	0	0	0	31.5809	13.3856	1.1	49.773	86.266	0	0	0
7535	10	8.62143	54.985	0	0	0	0	32.1939	13.35	1.1	48.8089	86.1832	0	0	0
7536	10	13.7857	67.295	0	0	0	0	26.5392	13.76	0.95	52.204	87.3486	0	0	0
7537	10	11.2572	67.295	0	0	0	0	26.5198	13.76	0.928571	50.7307	86.4903	0	0	0
7538	10	9.2	67.295	0	0	0	0	26.4939	13.76	0.9	48.7663	85.3458	0	0	0
7539	10	13.2143	67.295	0	0	0	0	23.5599	13.76	0.95	52.3618	87.4011	0	0	0
7540	10	11.2735	67.295	0	0	0	0	23.5406	13.76	0.928571	50.8885	86.5428	0	0	0
7541	10	10.8119	54.985	0	0	0	0	32.219	13.35	1.1	50.1854	87.1291	0	0	0
7542	10	9.49761	54.985	0	0	0	0	32.2039	13.35	1.1	49.3595	86.5616	0	0	0
7546	10	10.5246	54.985	0	0	0	0	31.8622	13.37	1.22222	48.9135	86.1947	0	0	0
7547	10	9.47698	54.985	0	0	0	0	31.8471	13.37	1.23889	49.1915	86.2238	0	0	0
7548	10	8.77857	54.985	0	0	0	0	31.8371	13.37	1.25	49.3769	86.2432	0	0	0
7549	10	12.4786	59.87	0	0	0	0	22.2206	13.93	0.74	51.0196	85.0204	0	0	0
7550	10	8.12857	60.625	0	0	0	0	29.3287	13.86	0.87	46.5565	83.2192	0	0	0
7551	10	12.4036	79.275	0	0	0	0	20.4355	11.7225	1.5275	54.5355	87.7321	0	0	0
7552	10	10.7131	79.275	0	0	0	0	21.7033	11.6592	1.54417	52.6038	87.5645	0	0	0
7553	10	9.44524	79.275	0	0	0	0	22.6542	11.6117	1.55667	51.1551	87.4388	0	0	0
7554	10	10.3833	54.985	0	0	0	0	32.219	13.35	1.25	50.1854	87.1291	0	0	0
7555	10	9.32619	54.985	0	0	0	0	32.2039	13.35	1.25	49.3595	86.5616	0	0	0
7556	10	6.78571	35.355	0	0	0	0	20.9183	6.98287	0.661126	43.6942	85.7479	0	0	0
7557	10	10.6437	54.985	0	0	0	0	31.0211	13.42	1.22222	50.4992	86.3336	0	0	0
7558	10	9.52461	54.985	0	0	0	0	31.5107	13.39	1.23889	49.8258	86.2794	0	0	0
7562	10	10.7484	54.985	0	0	0	0	32.219	13.35	1.25	50.1854	87.1291	0	0	0
7563	10	9.47224	54.985	0	0	0	0	32.2039	13.35	1.25	49.3595	86.5616	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7567	10	9.98674	43.3621	0	0	0	0	26.8051	11.28	0.867857	50.7145	79.3804	0	0	0
7568	10	7.78571	43.66	0	0	0	0	28.1636	11.1	0.975	47.0803	79.5303	0	0	0
7575	10	12.2429	67.295	0	0	0	0	25.1214	12.6	0.976364	49.9305	84.1507	0	0	0
7579	10	10.1521	87.223	0	0	0	0	24.345	7.65	1.6025	51.868	87.1715	0	0	0
7580	10	8.73571	86.995	0	0	0	0	24.72	7.83	1.64	50.77	86.8377	0	0	0
7581	10	12.2796	68.13	0	0	0	0	23.4083	11.17	1.23929	51.5452	84.0678	0	0	0
7582	10	9.15714	68.13	0	0	0	0	23.3825	11.17	1.325	51.9438	84.1176	0	0	0
7583	10	11.2143	58.015	0	0	0	0	32.6029	10.42	0.943571	43.5897	83.0592	0	0	0
7584	10	7.78571	58.015	0	0	0	0	32.5771	10.42	0.915	44.0506	83.109	0	0	0
7587	10	8.97143	35.385	0	0	0	0	29.0231	7.8	0.715	46.8407	79.4677	0	0	0
7588	10	13.4143	54.985	0	0	0	0	31.5679	13.39	1.65	49.1555	86.206	0	0	0
7589	10	11.4796	54.985	0	0	0	0	31.5485	13.39	1.69286	49.4779	86.2433	0	0	0
7590	10	8.9	54.985	0	0	0	0	31.5226	13.39	1.75	49.9079	86.2932	0	0	0
7591	10	12.6275	68.13	0	0	0	0	21.0152	11.29	1.21786	55.4917	84.4278	0	0	0
7592	10	9.52143	68.13	0	0	0	0	20.9893	11.29	1.275	55.5683	84.4776	0	0	0
7593	10	14.7929	68.13	0	0	0	0	22.8952	11.2	1.225	52.1817	84.1104	0	0	0
7594	10	12.4388	68.13	0	0	0	0	22.8758	11.2	1.24643	52.4266	84.1478	0	0	0
7595	10	6.78571	40.355	0	0	0	0	20.9183	6.98287	0.755	43.6942	85.7479	0	0	0
7596	10	11.5479	54.985	0	0	0	0	30.6177	13.4414	1.60714	51.2881	86.3962	0	0	0
7597	10	13.7429	54.985	0	0	0	0	29.4355	13.51	1.5	53.1475	86.556	0	0	0
7598	10	11.2337	54.985	0	0	0	0	32.2197	13.35	1.65714	50.2247	87.1562	0	0	0
7599	10	8.62143	54.985	0	0	0	0	32.1939	13.35	1.8	48.8089	86.1832	0	0	0
7600	10	13.1929	54.985	0	0	0	0	32.2391	13.35	1.55	51.2865	87.886	0	0	0
7601	10	8.08571	60.16	0	0	0	0	29.4642	8.21	1.75	48.9764	86.3177	0	0	0
7604	10	14.94	37.9175	0	0	0	0	19.1948	7.58	1.5575	58.3244	87.8007	0	0	0
7605	10	12.7408	40.9036	0	0	0	0	19.9966	7.92714	1.535	57.7969	87.8654	0	0	0
7606	10	9.80857	44.885	0	0	0	0	21.0655	8.39	1.505	57.0935	87.9515	0	0	0
7607	10	12.525	47.1106	0	0	0	0	20.641	9.165	1.38188	58.0001	89.2709	0	0	0
7608	10	10.4822	45.8715	0	0	0	0	21.9421	9.945	1.48104	55.1418	89.1112	0	0	0
7609	10	8.95	44.9421	0	0	0	0	22.9179	10.53	1.55542	52.998	88.9914	0	0	0
7610	10	7.92857	44.3225	0	0	0	0	23.5684	10.92	1.605	51.5689	88.9115	0	0	0
7611	10	14.0571	48.04	0	0	0	0	19.6652	8.58	1.3075	60.1438	89.3907	0	0	0
7612	10	13.4348	49.125	0	0	0	0	18.8006	11.4713	0.763752	57.1781	88.2137	0	0	0
7613	10	10.6529	46.0179	0	0	0	0	19.4478	11.0669	0.731068	54.0485	87.9321	0	0	0
7614	10	6.94368	41.875	0	0	0	0	20.3106	10.5278	0.68749	49.8757	87.5566	0	0	0
7615	10	13.3857	42.4925	0	0	0	0	31.2787	13.35	1.7	52.3948	88.914	0	0	0
7616	10	11.4363	42.4925	0	0	0	0	31.2496	13.35	1.73214	51.5306	88.2029	0	0	0
7617	10	8.83714	42.4925	0	0	0	0	31.2108	13.35	1.775	50.3783	87.2548	0	0	0
7619	10	10.2857	48.6475	0	0	0	0	23.4715	8.58929	0.875	51.0666	84.8672	0	0	0
7620	10	9.42244	48.6475	0	0	0	0	25.1858	8.9591	0.842857	50.2418	83.8667	0	0	0
7621	10	9.42244	48.6475	0	0	0	0	24.5858	8.53053	0.842857	49.8444	84.4292	0	0	0
7622	10	8.27143	48.6475	0	0	0	0	26.6715	8.88071	0.8	48.6121	83.2826	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7624	10	8.27143	48.6475	0	0	0	0	24.3115	10.615	0.8	50.3693	83.2369	0	0	0
7625	10	8.27143	48.6475	0	0	0	0	23.0829	10.0636	0.8	53.1098	84.1542	0	0	0
7626	10	8.27143	48.6475	0	0	0	0	25.3744	8.87786	0.8	47.5199	83.9497	0	0	0
7629	10	10.2921	48.6475	0	0	0	0	18.0401	8.60897	0.875	50.1244	87.7333	0	0	0
7630	10	9.90151	49.0625	0	0	0	0	20.7149	9.53538	0.768752	50.8003	88.841	0	0	0
7633	10	8.71214	46.4857	0	0	0	0	21.3784	8.53469	0.733925	51.0077	88.2423	0	0	0
7636	10	7.1282	43.05	0	0	0	0	23.872	9.12208	0.68749	49.9781	87.2289	0	0	0
7638	10	7.13303	43.05	0	0	0	0	25.9378	8.82023	0.68749	47.9445	85.243	0	0	0
7639	10	7.1362	43.05	0	0	0	0	23.7737	8.4743	0.68749	50.7246	87.4834	0	0	0
7640	10	8.72801	46.4857	0	0	0	0	25.4841	8.89469	0.733925	49.0229	86.5736	0	0	0
7641	10	9.92056	49.0625	0	0	0	0	25.4835	9.70554	0.768752	50.279	86.5736	0	0	0
7642	10	9.90151	40.9	0	0	0	0	20.7149	9.53538	0.791252	50.8003	88.841	0	0	0
7645	10	8.71214	41.1882	0	0	0	0	21.3784	8.53469	0.753211	51.0077	88.2423	0	0	0
7648	10	7.1282	41.5725	0	0	0	0	23.872	9.12208	0.70249	49.9781	87.2289	0	0	0
7650	10	7.13303	41.5725	0	0	0	0	25.9378	8.82023	0.70249	47.9445	85.243	0	0	0
7651	10	7.1362	41.5725	0	0	0	0	23.7737	8.4743	0.70249	50.7246	87.4834	0	0	0
7652	10	8.72801	41.1882	0	0	0	0	25.4841	8.89469	0.753211	49.0229	86.5736	0	0	0
7653	10	9.92056	40.9	0	0	0	0	25.4835	9.70554	0.791252	50.279	86.5736	0	0	0
7654	10	9.90151	58.25	0	0	0	0	20.7149	9.53538	0.791252	50.8003	88.841	0	0	0
7657	10	8.71214	53.4821	0	0	0	0	21.3784	8.53469	0.760711	51.0077	88.2423	0	0	0
7660	10	7.1282	47.125	0	0	0	0	23.872	9.12208	0.71999	49.9781	87.2289	0	0	0
7662	10	7.13303	47.125	0	0	0	0	25.9378	8.82023	0.71999	47.9445	85.243	0	0	0
7663	10	7.1362	47.125	0	0	0	0	23.7737	8.4743	0.71999	50.7246	87.4834	0	0	0
7664	10	8.72801	53.4821	0	0	0	0	25.4841	8.89469	0.760711	49.0229	86.5736	0	0	0
7665	10	9.92056	58.25	0	0	0	0	25.4835	9.70554	0.791252	50.279	86.5736	0	0	0
7666	10	12.349	66.0025	0	0	0	0	26.1471	10.1043	1.275	48.8239	83.8425	0	0	0
7667	10	11.1367	66.0764	0	0	0	0	25.9055	9.83412	1.29964	50.2075	84.3979	0	0	0
7668	10	9.5204	66.175	0	0	0	0	24.6398	8.4	1.3325	55.3215	86.8088	0	0	0
7669	10	13.0886	42.4925	0	0	0	0	28.7253	13.51	0.8	53.5964	87.604	0	0	0
7670	10	9.39714	42.4925	0	0	0	0	28.6574	13.51	0.8	53.8721	87.7348	0	0	0
7671	10	14.6657	68.8075	0	0	0	0	35.62	0.92	3.4275	50.33	90.7507	0	0	0
7672	10	12.1114	72.335	0	0	0	0	38.68	1.28	3.76	46.63	87.6015	0	0	0
7673	10	15.0943	68.8075	0	0	0	0	32.7157	0.92	3.4275	53.6751	90.7507	0	0	0
7674	10	12.54	72.335	0	0	0	0	35.7078	1.28	3.76	51.3586	87.6015	0	0	0
7684	10	13.32	48.6475	0	0	0	0	25.5293	13.76	0.95	50.1026	88.4217	0	0	0
7685	10	11.2372	48.6475	0	0	0	0	25.5293	13.76	0.982143	48.234	87.582	0	0	0
7686	10	8.46	48.6475	0	0	0	0	25.5293	13.76	1.025	45.7426	86.4624	0	0	0
7696	10	10.8165	42.4925	0	0	0	0	31.2485	13.35	0.983333	51.4986	88.1765	0	0	0
7697	10	9.62891	42.4925	0	0	0	0	31.2259	13.35	1.00833	50.8264	87.6235	0	0	0
7698	10	8.83714	42.4925	0	0	0	0	31.2108	13.35	1.025	50.3783	87.2548	0	0	0
7699	10	12.4	42.4925	0	0	0	0	31.2787	13.35	0.95	52.3948	88.914	0	0	0
7700	10	12.2914	45.5725	0	0	0	0	25.5841	12.51	1.385	45.0521	83.9386	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7701	10	10.0661	45.5725	0	0	0	0	25.5841	12.51	1.385	45.0448	84.0133	0	0	0
7702	10	8.39714	45.5725	0	0	0	0	25.5841	12.51	1.385	45.0393	84.0694	0	0	0
7703	10	12.72	45.5725	0	0	0	0	22.6798	12.51	0.71	48.3972	83.9386	0	0	0
7704	10	9.98204	45.5725	0	0	0	0	22.641	12.51	0.924286	49.1804	84.0133	0	0	0
7705	10	7.92857	45.5725	0	0	0	0	22.6119	12.51	1.085	49.7679	84.0694	0	0	0
7706	10	12.9743	36.4825	0	0	0	0	24.0257	11.52	0.8875	56.6751	80.2107	0	0	0
7707	10	10.091	36.6811	0	0	0	0	25.8312	11.28	0.8875	52.0867	80.4335	0	0	0
7708	10	7.92857	36.83	0	0	0	0	27.1854	11.1	0.8875	48.6454	80.6005	0	0	0
7715	10	13.0171	36.4825	0	0	0	0	24.0257	11.52	1.3375	56.6751	80.2107	0	0	0
7716	10	10.3902	36.6811	0	0	0	0	25.8312	11.28	1.3375	52.0867	80.4335	0	0	0
7717	10	8.42	36.83	0	0	0	0	27.1854	11.1	1.3375	48.6454	80.6005	0	0	0
7718	10	12.5914	48.6475	0	0	0	0	25.5293	13.76	0.95	50.1026	88.4217	0	0	0
7719	10	10.2306	48.6475	0	0	0	0	25.5293	13.76	0.992857	47.6112	87.3021	0	0	0
7720	10	12.8971	30.4	0	0	0	0	25.2486	7.93	0.78	51.2381	83.9318	0	0	0
7721	10	9.6008	29.13	0	0	0	0	28.1796	7.09571	0.871429	47.4849	84.13	0	0	0
7722	10	7.12857	28.1775	0	0	0	0	30.3779	6.47	0.94	44.67	84.2788	0	0	0
7723	10	13.02	48.6475	0	0	0	0	22.6249	13.76	0.95	53.4477	88.4217	0	0	0
7724	10	10.6592	48.6475	0	0	0	0	22.5861	13.76	0.992857	51.7468	87.3021	0	0	0
7725	10	8.88857	48.6475	0	0	0	0	22.557	13.76	1.025	50.4712	86.4624	0	0	0
7726	10	13.0257	30.4	0	0	0	0	25.2486	7.93	0.93	51.2381	83.9318	0	0	0
7727	10	9.65591	29.13	0	0	0	0	28.1796	7.09571	1.02143	47.4849	84.13	0	0	0
7728	10	7.12857	28.1775	0	0	0	0	30.3779	6.47	1.09	44.67	84.2788	0	0	0
7729	10	12.72	45.5725	0	0	0	0	22.6798	12.51	1.385	48.3972	83.9386	0	0	0
7730	10	10.4947	45.5725	0	0	0	0	22.641	12.51	1.385	49.1804	84.0133	0	0	0
7731	10	8.82571	45.5725	0	0	0	0	22.6119	12.51	1.385	49.7679	84.0694	0	0	0
7732	10	9.62531	29.13	0	0	0	0	28.1796	7.09571	0.871429	47.4849	84.13	0	0	0
7733	10	7.17143	28.1775	0	0	0	0	30.3779	6.47	0.94	44.67	84.2788	0	0	0
7734	10	14.36	49.065	0	0	0	0	23.4173	11.12	1.2125	56.6496	88.1456	0	0	0
7735	10	12.069	49.065	0	0	0	0	23.3882	11.12	1.2125	54.6796	86.8131	0	0	0
7736	10	9.01429	49.065	0	0	0	0	23.3495	11.12	1.2125	52.0531	85.0364	0	0	0
7737	10	12.4563	49.065	0	0	0	0	23.397	11.12	1.415	55.2706	87.2129	0	0	0
7738	10	10.4894	49.065	0	0	0	0	23.3698	11.12	1.385	53.4321	85.9691	0	0	0
7739	10	9.01429	49.065	0	0	0	0	23.3495	11.12	1.3625	52.0531	85.0364	0	0	0
7740	10	13.9314	49.065	0	0	0	0	23.4173	11.12	1.4375	56.6496	88.1456	0	0	0
7741	10	12.1546	49.065	0	0	0	0	22.4304	11.18	1.415	52.5491	85.1148	0	0	0
7742	10	9.28257	49.065	0	0	0	0	22.4032	11.18	1.385	52.9501	85.1671	0	0	0
7743	10	7.12857	49.065	0	0	0	0	22.3829	11.18	1.3625	53.2508	85.2064	0	0	0
7744	10	14.3086	49.065	0	0	0	0	22.4508	11.18	1.4375	52.2484	85.0756	0	0	0
7745	10	12.8077	49.065	0	0	0	0	22.4304	11.18	1.415	52.5491	85.1148	0	0	0
7746	10	10.8066	49.065	0	0	0	0	22.4032	11.18	1.385	52.9501	85.1671	0	0	0
7747	10	9.30571	49.065	0	0	0	0	22.3829	11.18	1.3625	53.2508	85.2064	0	0	0
7748	10	14.3829	49.065	0	0	0	0	22.0828	11.2	1.1375	52.8575	85.1356	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7749	10	12.2388	49.065	0	0	0	0	22.0537	11.2	1.20179	53.2249	85.1917	0	0	0
7750	10	9.38	49.065	0	0	0	0	22.0149	11.2	1.2875	53.7148	85.2664	0	0	0
7752	10	14.6114	49.065	0	0	0	0	20.0652	11.31	1.2125	56.0885	85.4756	0	0	0
7753	10	13.1106	49.065	0	0	0	0	20.0449	11.31	1.235	56.1126	85.5149	0	0	0
7754	10	11.1094	49.065	0	0	0	0	20.0177	11.31	1.265	56.1447	85.5671	0	0	0
7755	10	9.60857	49.065	0	0	0	0	19.9973	11.31	1.2875	56.1688	85.6064	0	0	0
7756	10	13.8029	49.065	0	0	0	0	23.4173	11.12	0.9875	56.6496	88.1456	0	0	0
7757	10	10.4462	49.065	0	0	0	0	23.3786	11.12	1.03036	54.0231	86.3689	0	0	0
7758	10	7.92857	49.065	0	0	0	0	23.3495	11.12	1.0625	52.0531	85.0364	0	0	0
7759	10	11.0665	49.065	0	0	0	0	23.3786	11.12	1.03036	54.0231	86.3689	0	0	0
7760	10	9.01429	49.065	0	0	0	0	23.3495	11.12	1.0625	52.0531	85.0364	0	0	0
7761	10	13.0506	49.065	0	0	0	0	20.0449	11.31	1.31	56.1126	85.5149	0	0	0
7762	10	11.0837	49.065	0	0	0	0	20.0177	11.31	1.34	56.1447	85.5671	0	0	0
7763	10	9.60857	49.065	0	0	0	0	19.9973	11.31	1.3625	56.1688	85.6064	0	0	0
7764	10	14.5257	49.065	0	0	0	0	20.0652	11.31	1.2875	56.0885	85.4756	0	0	0
7765	10	9.68204	48.6475	0	0	0	0	25.5293	13.76	0.992857	47.6112	87.3021	0	0	0
7766	10	7.5	48.6475	0	0	0	0	25.5293	13.76	1.025	45.7426	86.4624	0	0	0
7767	10	14.9457	49.065	0	0	0	0	20.3819	11.29	1.1375	55.5812	85.4156	0	0	0
7768	10	12.6363	49.065	0	0	0	0	20.3528	11.29	1.16964	55.6675	85.4717	0	0	0
7769	10	9.55714	49.065	0	0	0	0	20.314	11.29	1.2125	55.7825	85.5464	0	0	0
7770	10	12.6663	49.065	0	0	0	0	23.397	11.12	1.1225	55.2706	87.2129	0	0	0
7771	10	10.5794	49.065	0	0	0	0	23.3698	11.12	1.3025	53.4321	85.9691	0	0	0
7772	10	9.01429	49.065	0	0	0	0	23.3495	11.12	1.4375	52.0531	85.0364	0	0	0
7773	10	14.2314	49.065	0	0	0	0	23.4173	11.12	0.9875	56.6496	88.1456	0	0	0
7774	10	14.6971	49.065	0	0	0	0	22.5666	11.17	1.1375	52.0744	85.0556	0	0	0
7775	10	12.3694	49.065	0	0	0	0	22.5375	11.17	1.1375	52.5228	85.1117	0	0	0
7776	10	9.26571	49.065	0	0	0	0	22.4987	11.17	1.1375	53.1207	85.1864	0	0	0
7777	10	13.0506	49.065	0	0	0	0	20.0449	11.31	1.385	56.1126	85.5149	0	0	0
7778	10	11.0837	49.065	0	0	0	0	20.0177	11.31	1.415	56.1447	85.5671	0	0	0
7779	10	9.60857	49.065	0	0	0	0	19.9973	11.31	1.4375	56.1688	85.6064	0	0	0
7780	10	14.5257	49.065	0	0	0	0	20.0652	11.31	1.3625	56.0885	85.4756	0	0	0
7781	10	12.2366	82.5725	0	0	0	0	22.7572	8.616	1.118	49.5491	86.11	0	0	0
7782	10	9.31771	68.7025	0	0	0	0	25.6525	8.184	1.342	45.2211	85.4023	0	0	0
7783	10	7.12857	58.3	0	0	0	0	27.8241	7.86	1.51	41.9751	84.8715	0	0	0
7784	10	14.4257	92.975	0	0	0	0	20.5857	8.94	0.95	52.7951	86.6407	0	0	0
7785	10	11.3514	49.065	0	0	0	0	23.4915	10.43	1.1375	51.9939	85.4112	0	0	0
7786	10	10.4698	49.065	0	0	0	0	25.2391	10.7238	1.20179	48.2173	84.0483	0	0	0
7787	10	9.29968	49.065	0	0	0	0	25.8898	7.20722	1.2875	48.8997	81.2193	0	0	0
7788	10	12.7571	45.5725	0	0	0	0	22.7197	12.51	0.935	53.9283	85.5086	0	0	0
7789	10	10.5074	45.5725	0	0	0	0	22.6809	12.51	0.977857	51.5246	84.6804	0	0	0
7790	10	8.82	45.5725	0	0	0	0	22.6518	12.51	1.01	49.7218	84.0594	0	0	0
7791	10	14.5543	49.065	0	0	0	0	22.0828	11.2	0.7625	52.8575	85.1356	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7792	10	11.4576	49.065	0	0	0	0	22.0537	11.2	0.794643	53.2249	85.1917	0	0	0
7793	10	7.32857	49.065	0	0	0	0	22.0149	11.2	0.8375	53.7148	85.2664	0	0	0
7794	10	12.0343	48.6475	0	0	0	0	24.9671	12.02	0.914545	49.8008	83.546	0	0	0
7795	10	13.76	49.065	0	0	0	0	23.4173	11.12	0.7625	56.6496	88.1456	0	0	0
7796	10	11.0482	49.065	0	0	0	0	23.3786	11.12	0.976786	54.0231	86.3689	0	0	0
7797	10	9.01429	49.065	0	0	0	0	23.3495	11.12	1.1375	52.0531	85.0364	0	0	0
7798	10	12.3286	45.5725	0	0	0	0	25.624	12.51	0.935	50.5832	85.5086	0	0	0
7799	10	10.0788	45.5725	0	0	0	0	25.624	12.51	1.02071	47.3889	84.6804	0	0	0
7800	10	8.39143	45.5725	0	0	0	0	25.624	12.51	1.085	44.9932	84.0594	0	0	0
7801	10	10.7543	49.065	0	0	0	0	23.3786	11.12	0.976786	54.0231	86.3689	0	0	0
7802	10	8.5	49.065	0	0	0	0	23.3495	11.12	1.1375	52.0531	85.0364	0	0	0
7803	10	14.82	49.065	0	0	0	0	21.0986	11.25	1.1375	54.4502	85.3056	0	0	0
7804	10	12.5473	49.065	0	0	0	0	21.0695	11.25	1.20179	54.6533	85.3617	0	0	0
7805	10	9.51714	49.065	0	0	0	0	21.0307	11.25	1.2875	54.9241	85.4364	0	0	0
7806	10	13.1943	45.5725	0	0	0	0	20.0812	12.66	1.385	52.5684	84.3685	0	0	0
7807	10	9.72818	45.5725	0	0	0	0	21.5273	12.5743	1.385	50.9681	84.1976	0	0	0
7808	10	7.12857	45.5725	0	0	0	0	22.6119	12.51	1.385	49.7679	84.0694	0	0	0
7809	10	13.1106	49.065	0	0	0	0	20.0449	11.31	1.31	56.1126	85.5149	0	0	0
7810	10	11.1094	49.065	0	0	0	0	20.0177	11.31	1.34	56.1447	85.5671	0	0	0
7811	10	14.6114	49.065	0	0	0	0	20.0652	11.31	1.2875	56.0885	85.4756	0	0	0
7812	10	13.4486	48.6475	0	0	0	0	22.6249	13.76	0.875	53.4477	88.4217	0	0	0
7813	10	11.4943	48.6475	0	0	0	0	22.5959	13.76	0.842857	52.172	87.582	0	0	0
7814	10	8.88857	48.6475	0	0	0	0	22.557	13.76	0.8	50.4712	86.4624	0	0	0
7815	10	12.9343	48.6475	0	0	0	0	22.6249	13.76	0.875	53.4477	88.4217	0	0	0
7816	10	12.8943	45.5725	0	0	0	0	22.2833	12.54	0.935	49.0549	83.9986	0	0	0
7817	10	10.6445	45.5725	0	0	0	0	22.2445	12.54	0.977857	49.7477	84.0733	0	0	0
7818	10	8.95714	45.5725	0	0	0	0	22.2154	12.54	1.01	50.2673	84.1294	0	0	0
7819	10	13.9286	44.0075	0	0	0	0	31.7485	10.42	0.8825	44.191	84.0427	0	0	0
7820	10	11.3572	44.0075	0	0	0	0	31.7194	10.42	0.818214	44.7095	84.0988	0	0	0
7821	10	7.92857	44.0075	0	0	0	0	31.6806	10.42	0.7325	45.4009	84.1735	0	0	0
7822	10	13.02	48.6475	0	0	0	0	25.5293	13.76	0.875	50.1026	88.4217	0	0	0
7823	10	11.0658	48.6475	0	0	0	0	25.5293	13.76	0.842857	48.234	87.582	0	0	0
7824	10	8.46	48.6475	0	0	0	0	25.5293	13.76	0.8	45.7426	86.4624	0	0	0
7825	10	12.0343	48.6475	0	0	0	0	27.8332	11.3343	1.15945	47.0821	82.6397	0	0	0
7826	10	12.2343	54.6375	0	0	0	0	22.4025	11.57	1.3575	56.4439	89.9094	0	0	0
7827	10	10.7143	54.6375	0	0	0	0	22.3798	11.57	1.4575	54.325	89.2463	0	0	0
7828	10	9.57427	54.6375	0	0	0	0	22.3628	11.57	1.5325	52.7359	88.749	0	0	0
7829	10	8.81429	54.6375	0	0	0	0	22.3515	11.57	1.5825	51.6765	88.4175	0	0	0
7830	10	13.3743	54.6375	0	0	0	0	22.4195	11.57	1.2825	58.033	90.4067	0	0	0
7831	10	10.5074	45.5725	0	0	0	0	22.6809	12.51	1.02071	51.5246	84.6804	0	0	0
7832	10	8.82	45.5725	0	0	0	0	22.6518	12.51	1.085	49.7218	84.0594	0	0	0
7833	10	13.1829	48.6475	0	0	0	0	24.9544	13.79	0.875	46.6877	86.4317	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7834	10	11.2494	48.6475	0	0	0	0	24.9544	13.79	0.842857	46.5911	86.4877	0	0	0
7835	10	8.67143	48.6475	0	0	0	0	24.9544	13.79	0.8	46.4623	86.5624	0	0	0
7836	10	13.1114	61.42	0	0	0	0	20.5114	11.71	0.9	55.932	87.8598	0	0	0
7837	10	10.1498	47.81	0	0	0	0	23.8185	12.2871	0.982857	50.3816	84.8703	0	0	0
7838	10	7.92857	37.6025	0	0	0	0	26.2988	12.72	1.045	46.2189	82.6283	0	0	0
7842	10	13.6114	48.6475	0	0	0	0	22.0501	13.79	0.875	50.0328	86.4317	0	0	0
7843	10	11.6779	48.6475	0	0	0	0	22.021	13.79	0.842857	50.5291	86.4877	0	0	0
7844	10	9.1	48.6475	0	0	0	0	21.9822	13.79	0.8	51.1909	86.5624	0	0	0
7845	10	9.59959	45.5725	0	0	0	0	22.2445	12.54	0.977857	49.7477	84.0733	0	0	0
7846	10	7.12857	45.5725	0	0	0	0	22.2154	12.54	1.01	50.2673	84.1294	0	0	0
7847	10	13.1657	58.8775	0	0	0	0	23.47	7.23	1.4575	54.43	88.9807	0	0	0
7848	10	11.8346	58.7635	0	0	0	0	23.845	7.41	1.42375	53.332	88.66	0	0	0
7849	10	10.0597	58.6115	0	0	0	0	24.345	7.65	1.37875	51.868	88.2323	0	0	0
7850	10	8.72857	58.4975	0	0	0	0	24.72	7.83	1.345	50.77	87.9115	0	0	0
7851	10	13.6629	48.6475	0	0	0	0	22.6249	13.76	1.175	53.4477	88.4217	0	0	0
7852	10	11.6168	48.6475	0	0	0	0	22.5959	13.76	1.175	52.172	87.582	0	0	0
7853	10	8.88857	48.6475	0	0	0	0	22.557	13.76	1.175	50.4712	86.4624	0	0	0
7854	10	13.1286	54.6375	0	0	0	0	25.2551	11.58	1.6575	47.062	88.2967	0	0	0
7855	10	11.7091	54.6375	0	0	0	0	25.2551	11.58	1.68	47.0538	88.336	0	0	0
7856	10	9.81657	54.6375	0	0	0	0	25.2551	11.58	1.71	47.0429	88.3882	0	0	0
7857	10	8.39714	54.6375	0	0	0	0	25.2551	11.58	1.7325	47.0347	88.4275	0	0	0
7858	10	14.6114	49.065	0	0	0	0	20.0652	11.31	1.4375	56.0885	85.4756	0	0	0
7859	10	13.1106	49.065	0	0	0	0	20.0449	11.31	1.4375	56.1126	85.5149	0	0	0
7860	10	11.1094	49.065	0	0	0	0	20.0177	11.31	1.4375	56.1447	85.5671	0	0	0
7861	10	15.1029	69.58	0	0	0	0	23.2623	9.02	1.0725	56.0342	86.2607	0	0	0
7862	10	12.7849	68.2782	0	0	0	0	24.1978	8.87429	1.18071	54.5911	85.7082	0	0	0
7863	10	9.69429	66.5425	0	0	0	0	25.4451	8.68	1.325	52.6669	84.9715	0	0	0
7864	10	12.8	45.5725	0	0	0	0	22.7197	12.51	1.16	53.9283	85.5086	0	0	0
7865	10	10.5257	45.5725	0	0	0	0	22.6809	12.51	1.16	51.5246	84.6804	0	0	0
7866	10	8.82	45.5725	0	0	0	0	22.6518	12.51	1.16	49.7218	84.0594	0	0	0
7867	10	12.6657	44.935	0	0	0	0	21.3209	13.93	0.77	52.0744	86.0306	0	0	0
7868	10	7.92857	45.3125	0	0	0	0	28.523	13.86	0.96	47.9697	84.2388	0	0	0
7871	10	8.88857	48.6475	0	0	0	0	27.8332	11.3343	1.15945	44.5907	81.4454	0	0	0
7872	10	13.1543	61.42	0	0	0	0	20.5114	11.71	1.125	55.932	87.8598	0	0	0
7873	10	10.1682	47.81	0	0	0	0	23.8185	12.2871	1.165	50.3816	84.8703	0	0	0
7874	10	7.92857	37.6025	0	0	0	0	26.2988	12.72	1.195	46.2189	82.6283	0	0	0
7875	10	12.349	49.065	0	0	0	0	26.1471	10.1043	1.2875	48.8239	83.8425	0	0	0
7876	10	11.3571	49.065	0	0	0	0	25.9055	9.83412	1.31964	50.2075	84.3979	0	0	0
7877	10	10.0347	49.065	0	0	0	0	24.6398	8.4	1.3625	55.3215	86.8088	0	0	0
7878	10	12.1263	54.6375	0	0	0	0	22.3991	11.57	1.68	56.126	89.81	0	0	0
7879	10	10.2337	54.6375	0	0	0	0	22.3719	11.57	1.71	53.5834	89.0142	0	0	0
7880	10	8.81429	54.6375	0	0	0	0	22.3515	11.57	1.7325	51.6765	88.4175	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7881	10	13.5457	54.6375	0	0	0	0	22.4195	11.57	1.6575	58.033	90.4067	0	0	0
7882	10	12.3367	49.065	0	0	0	0	22.0537	11.2	0.794643	53.2249	85.1917	0	0	0
7883	10	9.38	49.065	0	0	0	0	22.0149	11.2	0.8375	53.7148	85.2664	0	0	0
7884	10	14.1686	42.4925	0	0	0	0	28.8383	13.51	1.325	53.4013	87.584	0	0	0
7885	10	11.9792	42.4925	0	0	0	0	29.6057	13.4586	1.55	52.4522	87.49	0	0	0
7886	10	9.06	42.4925	0	0	0	0	30.6289	13.39	1.85	51.1868	87.3648	0	0	0
7887	10	13.6943	42.4925	0	0	0	0	30.6968	13.39	1.625	50.0583	87.234	0	0	0
7888	10	11.7081	42.4925	0	0	0	0	30.6677	13.39	1.75357	50.5419	87.29	0	0	0
7889	10	9.06	42.4925	0	0	0	0	30.6289	13.39	1.925	51.1868	87.3648	0	0	0
7890	10	11.4943	42.4925	0	0	0	0	29.6057	13.4586	1.55	52.4522	87.49	0	0	0
7891	10	7.92857	42.4925	0	0	0	0	30.6289	13.39	1.85	51.1868	87.3648	0	0	0
7892	10	13.6943	42.4925	0	0	0	0	30.6968	13.39	1.55	50.0583	87.234	0	0	0
7893	10	11.7081	42.4925	0	0	0	0	30.6677	13.39	1.67857	50.5419	87.29	0	0	0
7894	10	14.1143	54.6375	0	0	0	0	19.6744	11.73	1.3575	54.7095	88.7467	0	0	0
7895	10	12.5277	54.6375	0	0	0	0	20.457	11.685	1.47	53.8257	88.651	0	0	0
7896	10	10.4123	54.6375	0	0	0	0	21.5003	11.625	1.62	52.6472	88.5232	0	0	0
7897	10	8.82571	54.6375	0	0	0	0	22.2829	11.58	1.7325	51.7633	88.4275	0	0	0
7898	10	12.6429	57.26	0	0	0	0	21.9738	10.94	1.5825	56.4935	88.7804	0	0	0
7899	10	11.119	57.5244	0	0	0	0	23.8249	10.0956	1.61694	55.2583	88.7142	0	0	0
7900	10	9.97619	57.7228	0	0	0	0	25.2132	9.46222	1.64278	54.3319	88.6645	0	0	0
7901	10	9.21429	57.855	0	0	0	0	26.1388	9.04	1.66	53.7142	88.6314	0	0	0
7902	10	12.7143	45.5725	0	0	0	0	22.7197	12.51	1.46	53.9283	85.5086	0	0	0
7903	10	10.9835	45.5725	0	0	0	0	22.6895	12.51	1.46	52.0588	84.8645	0	0	0
7904	10	9.68539	45.5725	0	0	0	0	22.6669	12.51	1.46	50.6566	84.3814	0	0	0
7905	10	8.82	45.5725	0	0	0	0	22.6518	12.51	1.46	49.7218	84.0594	0	0	0
7906	10	12.2443	54.6375	0	0	0	0	22.358	11.58	1.3575	50.7161	88.3294	0	0	0
7907	10	10.7224	54.6375	0	0	0	0	22.3353	11.58	1.4575	51.1706	88.373	0	0	0
7908	10	9.58094	54.6375	0	0	0	0	22.3184	11.58	1.5325	51.5116	88.4057	0	0	0
7909	10	8.82	54.6375	0	0	0	0	22.307	11.58	1.5825	51.7388	88.4275	0	0	0
7910	10	13.3857	54.6375	0	0	0	0	22.3749	11.58	1.2825	50.3751	88.2967	0	0	0
7911	10	12.6857	57.26	0	0	0	0	21.9738	10.94	1.5825	56.4935	88.7804	0	0	0
7912	10	11.1429	57.5244	0	0	0	0	23.8249	10.0956	1.61694	55.2583	88.7142	0	0	0
7913	10	9.9857	57.7228	0	0	0	0	25.2132	9.46222	1.64278	54.3319	88.6645	0	0	0
7914	10	11.5586	54.6375	0	0	0	0	25.2793	11.58	1.52625	47.0251	88.3294	0	0	0
7915	10	10.151	54.6375	0	0	0	0	25.2793	11.58	1.55125	47.0185	88.373	0	0	0
7916	10	9.09524	54.6375	0	0	0	0	25.2793	11.58	1.57	47.0135	88.4057	0	0	0
7917	10	8.39143	54.6375	0	0	0	0	25.2793	11.58	1.5825	47.0103	88.4275	0	0	0
7918	10	12.6143	54.6375	0	0	0	0	25.2793	11.58	1.5075	47.03	88.2967	0	0	0
7919	10	11.2233	42.4925	0	0	0	0	30.6677	13.39	1.67857	50.5419	87.29	0	0	0
7920	10	12.66	54.6375	0	0	0	0	19.712	11.7225	1.3575	54.9282	88.7719	0	0	0
7921	10	10.9533	54.6375	0	0	0	0	20.8654	11.6592	1.4575	53.5107	88.6188	0	0	0
7922	10	9.67332	54.6375	0	0	0	0	21.7304	11.6117	1.5325	52.4476	88.504	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7923	10	11.9871	54.6375	0	0	0	0	22.358	11.58	1.52625	50.7161	88.3294	0	0	0
7924	10	10.5795	54.6375	0	0	0	0	22.3353	11.58	1.55125	51.1706	88.373	0	0	0
7925	10	9.52381	54.6375	0	0	0	0	22.3184	11.58	1.57	51.5116	88.4057	0	0	0
7926	10	13.0429	54.6375	0	0	0	0	22.3749	11.58	1.5075	50.3751	88.2967	0	0	0
7927	10	11.9384	49.065	0	0	0	0	20.3528	11.29	1.16964	55.6675	85.4717	0	0	0
7928	10	7.92857	49.065	0	0	0	0	20.314	11.29	1.2125	55.7825	85.5464	0	0	0
7932	10	11.7643	54.6375	0	0	0	0	22.358	11.58	1.52625	50.7161	88.3294	0	0	0
7933	10	10.0595	54.6375	0	0	0	0	22.3353	11.58	1.55125	51.1706	88.373	0	0	0
7934	10	8.78095	54.6375	0	0	0	0	22.3184	11.58	1.57	51.5116	88.4057	0	0	0
7935	10	7.92857	54.6375	0	0	0	0	22.307	11.58	1.5825	51.7388	88.4275	0	0	0
7936	10	13.9514	42.4925	0	0	0	0	30.6968	13.39	1.325	50.0583	87.234	0	0	0
7937	10	11.8551	42.4925	0	0	0	0	30.6677	13.39	1.55	50.5419	87.29	0	0	0
7938	10	10.9117	42.4925	0	0	0	0	31.2485	13.35	0.833333	51.4986	88.1765	0	0	0
7939	10	9.66697	42.4925	0	0	0	0	31.2259	13.35	0.858333	50.8264	87.6235	0	0	0
7940	10	8.83714	42.4925	0	0	0	0	31.2108	13.35	0.875	50.3783	87.2548	0	0	0
7941	10	12.5714	42.4925	0	0	0	0	31.2787	13.35	0.8	52.3948	88.914	0	0	0
7942	10	10.7524	42.4925	0	0	0	0	29.8928	13.4389	0.8	52.0577	87.4377	0	0	0
7943	10	9.05809	42.4925	0	0	0	0	30.6836	13.3856	0.8	51.0501	87.3279	0	0	0
7944	10	7.92857	42.4925	0	0	0	0	31.2108	13.35	0.8	50.3783	87.2548	0	0	0
7945	10	13.0114	42.4925	0	0	0	0	28.8383	13.51	0.8	53.4013	87.584	0	0	0
7946	10	13.1914	48.6475	0	0	0	0	25.6938	13.76	0.8	53.211	88.3429	0	0	0
7947	10	10.9359	48.6475	0	0	0	0	25.6647	13.76	0.735714	51.9354	87.5033	0	0	0
7948	10	7.92857	48.6475	0	0	0	0	25.6259	13.76	0.65	50.2345	86.3837	0	0	0
7949	10	11.1562	42.4925	0	0	0	0	29.8928	13.4389	0.8	52.0577	87.4377	0	0	0
7950	10	9.76474	42.4925	0	0	0	0	30.6836	13.3856	0.8	51.0501	87.3279	0	0	0
7951	10	8.83714	42.4925	0	0	0	0	31.2108	13.35	0.8	50.3783	87.2548	0	0	0
7952	10	13.9286	48.6475	0	0	0	0	25.6938	13.76	0.875	53.211	88.3429	0	0	0
7953	10	11.4943	48.6475	0	0	0	0	25.6647	13.76	0.842857	51.9354	87.5033	0	0	0
7954	10	9.3	48.6475	0	0	0	0	25.6259	13.76	0.8	50.2345	86.3837	0	0	0
7955	10	13.4914	48.6475	0	0	0	0	22.6249	13.76	0.875	53.4477	88.4217	0	0	0
7956	10	11.5188	48.6475	0	0	0	0	22.5959	13.76	0.842857	52.172	87.582	0	0	0
7957	10	10.9117	42.4925	0	0	0	0	31.2485	13.35	0.8	51.4986	88.1765	0	0	0
7958	10	9.66697	42.4925	0	0	0	0	31.2259	13.35	0.8	50.8264	87.6235	0	0	0
7962	10	10.3708	42.4925	0	0	0	0	30.9383	13.37	0.983333	50.1003	87.2421	0	0	0
7963	10	9.52603	42.4925	0	0	0	0	30.9157	13.37	1.00833	50.5173	87.2857	0	0	0
7964	10	8.96286	42.4925	0	0	0	0	30.9006	13.37	1.025	50.7953	87.3148	0	0	0
7965	10	11.4971	42.4925	0	0	0	0	30.9685	13.37	0.95	49.5443	87.184	0	0	0
7966	10	12.6229	44.935	0	0	0	0	21.3209	13.93	0.77	52.0744	86.0306	0	0	0
7967	10	8.44286	45.3125	0	0	0	0	28.523	13.86	0.885	47.9697	84.2388	0	0	0
7968	10	12.4029	54.6375	0	0	0	0	19.712	11.7225	1.52625	54.9282	88.7719	0	0	0
7969	10	10.8105	54.6375	0	0	0	0	20.8654	11.6592	1.55125	53.5107	88.6188	0	0	0
7970	10	9.61619	54.6375	0	0	0	0	21.7304	11.6117	1.57	52.4476	88.504	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7971	10	10.2689	42.4925	0	0	0	0	31.2485	13.35	1.025	51.4986	88.1765	0	0	0
7972	10	9.40984	42.4925	0	0	0	0	31.2259	13.35	1.025	50.8264	87.6235	0	0	0
7973	10	11.4143	42.4925	0	0	0	0	31.2787	13.35	1.025	52.3948	88.914	0	0	0
7974	10	8.67168	24.5094	0	0	0	0	18.695	6.57006	0.633856	49.8389	87.5327	0	0	0
7975	10	7.56582	26.4103	0	0	0	0	19.8365	6.5126	0.635556	47.1344	86.6622	0	0	0
7976	10	6.82857	27.6775	0	0	0	0	20.5974	6.4743	0.636689	45.3313	86.0819	0	0	0
7977	10	10.466	42.4925	0	0	0	0	30.2072	13.42	0.983333	51.4288	87.381	0	0	0
7978	10	9.56413	42.4925	0	0	0	0	30.6233	13.39	1.00833	51.0487	87.3413	0	0	0
7979	10	11.6686	42.4925	0	0	0	0	29.6526	13.46	0.95	51.9357	87.434	0	0	0
7983	10	10.8165	42.4925	0	0	0	0	31.2485	13.35	1.025	51.4986	88.1765	0	0	0
7984	10	9.62891	42.4925	0	0	0	0	31.2259	13.35	1.025	50.8264	87.6235	0	0	0
7985	10	12.4	42.4925	0	0	0	0	31.2787	13.35	1.025	52.3948	88.914	0	0	0
7989	10	13.0171	36.4825	0	0	0	0	24.0257	11.52	0.6625	56.6751	80.2107	0	0	0
7990	10	10.1094	36.6811	0	0	0	0	25.8312	11.28	0.876786	52.0867	80.4335	0	0	0
7991	10	7.92857	36.83	0	0	0	0	27.1854	11.1	1.0375	48.6454	80.6005	0	0	0
8001	10	13.4657	58.8775	0	0	0	0	23.47	7.23	1.6075	54.43	88.9807	0	0	0
8002	10	12.0446	58.7635	0	0	0	0	23.845	7.41	1.64125	53.332	88.66	0	0	0
8003	10	10.1497	58.6115	0	0	0	0	24.345	7.65	1.68625	51.868	88.2323	0	0	0
8004	10	8.72857	58.4975	0	0	0	0	24.72	7.83	1.72	50.77	87.9115	0	0	0
8005	10	12.3694	49.065	0	0	0	0	22.5375	11.17	1.23393	52.5228	85.1117	0	0	0
8006	10	9.26571	49.065	0	0	0	0	22.4987	11.17	1.3625	53.1207	85.1864	0	0	0
8007	10	11.3572	44.0075	0	0	0	0	31.7194	10.42	0.850357	44.7095	84.0988	0	0	0
8008	10	7.92857	44.0075	0	0	0	0	31.6806	10.42	0.8075	45.4009	84.1735	0	0	0
8011	10	9.26635	31.23	0	0	0	0	24.1403	7.11111	0.763056	48.7579	82.0244	0	0	0
8012	10	9.17682	32.1075	0	0	0	0	26.5699	7.52444	0.759722	48.2259	81.1347	0	0	0
8013	10	9.11714	32.6925	0	0	0	0	28.1896	7.8	0.7575	47.8711	80.5415	0	0	0
8014	10	13.6514	42.4925	0	0	0	0	30.6968	13.39	1.625	50.0583	87.234	0	0	0
8015	10	11.6837	42.4925	0	0	0	0	30.6677	13.39	1.68929	50.5419	87.29	0	0	0
8016	10	9.06	42.4925	0	0	0	0	30.6289	13.39	1.775	51.1868	87.3648	0	0	0
8017	10	12.6363	49.065	0	0	0	0	20.3528	11.29	1.20179	55.6675	85.4717	0	0	0
8018	10	9.55714	49.065	0	0	0	0	20.314	11.29	1.2875	55.7825	85.5464	0	0	0
8019	10	14.8543	49.065	0	0	0	0	22.0828	11.2	1.2125	52.8575	85.1356	0	0	0
8020	10	12.5082	49.065	0	0	0	0	22.0537	11.2	1.24464	53.2249	85.1917	0	0	0
8021	10	8.67168	32.0094	0	0	0	0	18.695	6.57006	0.753889	49.8389	87.5327	0	0	0
8022	10	7.56582	33.9103	0	0	0	0	19.8365	6.5126	0.768056	47.1344	86.6622	0	0	0
8023	10	6.82857	35.1775	0	0	0	0	20.5974	6.4743	0.7775	45.3313	86.0819	0	0	0
8024	10	13.9543	42.4925	0	0	0	0	28.8383	13.51	1.4	53.4013	87.584	0	0	0
8025	10	11.7612	42.4925	0	0	0	0	29.8551	13.4414	1.56071	52.1057	87.4429	0	0	0
8026	10	13.5143	42.4925	0	0	0	0	31.2787	13.35	1.475	52.3948	88.914	0	0	0
8027	10	11.5098	42.4925	0	0	0	0	31.2496	13.35	1.63571	51.5306	88.2029	0	0	0
8028	10	8.83714	42.4925	0	0	0	0	31.2108	13.35	1.85	50.3783	87.2548	0	0	0
8029	10	14.2286	45.08	0	0	0	0	28.6391	8.21	1.45	49.1278	87.2607	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8030	10	11.6314	45.08	0	0	0	0	28.61	8.21	1.61071	49.5936	87.3168	0	0	0
8031	10	8.16857	45.08	0	0	0	0	28.5713	8.21	1.825	50.2146	87.3915	0	0	0
8034	10	14.88	30	0	0	0	0	18.543	7.58	1.7	58.3826	88.831	0	0	0
8035	10	12.6625	30	0	0	0	0	19.9897	9.165	1.375	58.1201	90.3121	0	0	0
8036	10	10.622	30	0	0	0	0	21.2822	9.945	1.475	55.3446	90.1669	0	0	0
8037	10	9.09167	30	0	0	0	0	22.2516	10.53	1.55	53.263	90.058	0	0	0
8038	10	8.07143	30	0	0	0	0	22.8979	10.92	1.6	51.8753	89.9854	0	0	0
8039	10	14.1929	30	0	0	0	0	19.0203	8.58	1.3	60.2017	90.421	0	0	0
8040	10	13.4465	30	0	0	0	0	19.0709	11.9883	0.825002	57.3707	89.635	0	0	0
8041	10	10.6644	30	0	0	0	0	19.5565	11.2121	0.771424	54.2908	89.4237	0	0	0
8042	10	6.9549	30	0	0	0	0	20.2041	10.1771	0.699987	50.1843	89.1421	0	0	0
8043	10	13.6643	30	0	0	0	0	30.3183	13.35	1.7	53.503	89.942	0	0	0
8044	10	11.688	30	0	0	0	0	30.2795	13.35	1.74286	52.8365	89.2496	0	0	0
8045	10	9.05286	30	0	0	0	0	30.2278	13.35	1.8	51.9477	88.3263	0	0	0
8047	10	11.3143	30	0	0	0	0	21.4003	9.17571	0.8	53.2466	86.1296	0	0	0
8048	10	10.1633	30	0	0	0	0	23.336	9.4188	0.757143	51.915	85.1237	0	0	0
8049	10	10.1633	30	0	0	0	0	22.886	9.09737	0.757143	51.6169	85.5456	0	0	0
8050	10	8.62857	30	0	0	0	0	25.317	9.31429	0.7	49.7421	84.3451	0	0	0
8052	10	8.62857	30	0	0	0	0	23.547	10.615	0.7	51.0599	84.3108	0	0	0
8053	10	8.62857	30	0	0	0	0	22.6256	10.2014	0.7	53.1153	84.9988	0	0	0
8054	10	8.62857	30	0	0	0	0	24.3441	9.31214	0.7	48.9229	84.8453	0	0	0
8057	10	11.319	30	0	0	0	0	17.3267	9.19047	0.8	52.5399	88.2793	0	0	0
8058	10	10.7965	30	0	0	0	0	20.5066	10.5364	0.825002	52.5874	90.1055	0	0	0
8061	10	9.20878	30	0	0	0	0	21.0045	9.31291	0.771424	52.0102	89.6564	0	0	0
8064	10	7.0933	30	0	0	0	0	22.8752	9.12278	0.699987	50.2611	88.8963	0	0	0
8066	10	7.09692	30	0	0	0	0	24.4245	8.89638	0.699987	48.7359	87.4069	0	0	0
8067	10	7.0993	30	0	0	0	0	22.8015	8.63694	0.699987	50.8209	89.0873	0	0	0
8068	10	9.22069	30	0	0	0	0	24.0838	9.58291	0.771424	50.5217	88.4049	0	0	0
8069	10	10.8107	30	0	0	0	0	24.083	10.6641	0.825002	52.1965	88.4049	0	0	0
8070	10	13.0367	30	0	0	0	0	25.1789	10.1043	1.3	49.9389	84.8728	0	0	0
8071	10	11.4204	30	0	0	0	0	24.8569	9.71907	1.34286	51.7694	85.624	0	0	0
8072	10	9.2653	30	0	0	0	0	23.7197	8.4	1.4	56.6619	87.8783	0	0	0
8073	10	12.9414	30	0	0	0	0	28.1438	13.51	0.5	53.8118	88.632	0	0	0
8074	10	9.47286	30	0	0	0	0	28.0533	13.51	0.5	54.1795	88.8063	0	0	0
8075	10	14.6743	30	0	0	0	0	35.62	0.92	3.7	50.33	91.781	0	0	0
8076	10	12.2086	30	0	0	0	0	38.68	1.28	4.1	46.63	88.6754	0	0	0
8077	10	15.2457	30	0	0	0	0	31.7475	0.92	3.7	54.7901	91.781	0	0	0
8078	10	12.78	30	0	0	0	0	34.717	1.28	4.1	52.9347	88.6754	0	0	0
8088	10	13.54	30	0	0	0	0	25.5623	13.76	0.9	50.0735	89.4422	0	0	0
8089	10	11.3886	30	0	0	0	0	25.5623	13.76	0.942857	48.2049	88.6212	0	0	0
8090	10	8.52	30	0	0	0	0	25.5623	13.76	1	45.7135	87.5266	0	0	0
8100	10	10.8846	30	0	0	0	0	30.2781	13.35	0.744444	52.8118	89.2239	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8101	10	9.78558	30	0	0	0	0	30.2479	13.35	0.777778	52.2934	88.6854	0	0	0
8102	10	9.05286	30	0	0	0	0	30.2278	13.35	0.8	51.9477	88.3263	0	0	0
8103	10	12.35	30	0	0	0	0	30.3183	13.35	0.7	53.503	89.942	0	0	0
8104	10	12.3186	30	0	0	0	0	25.6355	12.51	1.5	44.9995	84.9547	0	0	0
8105	10	10.121	30	0	0	0	0	25.6355	12.51	1.5	44.9897	85.0544	0	0	0
8106	10	8.47286	30	0	0	0	0	25.6355	12.51	1.5	44.9823	85.1291	0	0	0
8107	10	12.89	30	0	0	0	0	21.7631	12.51	0.6	49.4597	84.9547	0	0	0
8108	10	10.1365	30	0	0	0	0	21.7113	12.51	0.885714	50.5039	85.0544	0	0	0
8109	10	8.07143	30	0	0	0	0	21.6725	12.51	1.1	51.2871	85.1291	0	0	0
8110	10	13.0557	30	0	0	0	0	23.0575	11.52	0.9	57.7901	81.241	0	0	0
8111	10	10.2075	30	0	0	0	0	24.8574	11.28	0.9	53.459	81.4865	0	0	0
8112	10	8.07143	30	0	0	0	0	26.2072	11.1	0.9	50.2106	81.6707	0	0	0
8119	10	13.1129	30	0	0	0	0	23.0575	11.52	1.5	57.7901	81.241	0	0	0
8120	10	10.6141	30	0	0	0	0	24.8574	11.28	1.5	53.459	81.4865	0	0	0
8121	10	8.74	30	0	0	0	0	26.2072	11.1	1.5	50.2106	81.6707	0	0	0
8122	10	12.5686	30	0	0	0	0	25.5623	13.76	0.9	50.0735	89.4422	0	0	0
8123	10	10.2551	30	0	0	0	0	25.5623	13.76	0.957143	47.5821	88.3476	0	0	0
8124	10	12.9729	30	0	0	0	0	24.3248	7.93	0.7	52.3141	84.9491	0	0	0
8125	10	9.71487	30	0	0	0	0	27.2519	7.09571	0.757143	48.8165	85.1696	0	0	0
8126	10	7.27143	30	0	0	0	0	29.4472	6.47	0.8	46.1934	85.335	0	0	0
8127	10	13.14	30	0	0	0	0	21.6899	13.76	0.9	54.5336	89.4422	0	0	0
8128	10	10.8265	30	0	0	0	0	21.6382	13.76	0.957143	53.0963	88.3476	0	0	0
8129	10	9.09143	30	0	0	0	0	21.5994	13.76	1	52.0182	87.5266	0	0	0
8130	10	13.1443	30	0	0	0	0	24.3248	7.93	0.9	52.3141	84.9491	0	0	0
8131	10	9.78836	30	0	0	0	0	27.2519	7.09571	0.957143	48.8165	85.1696	0	0	0
8132	10	7.27143	30	0	0	0	0	29.4472	6.47	1	46.1934	85.335	0	0	0
8133	10	12.89	30	0	0	0	0	21.7631	12.51	1.5	49.4597	84.9547	0	0	0
8134	10	10.6924	30	0	0	0	0	21.7113	12.51	1.5	50.5039	85.0544	0	0	0
8135	10	9.04429	30	0	0	0	0	21.6725	12.51	1.5	51.2871	85.1291	0	0	0
8136	10	9.74756	30	0	0	0	0	27.2519	7.09571	0.757143	48.8165	85.1696	0	0	0
8137	10	7.32857	30	0	0	0	0	29.4472	6.47	0.8	46.1934	85.335	0	0	0
8138	10	14.47	30	0	0	0	0	22.4665	11.12	1.2	57.7495	89.1708	0	0	0
8139	10	12.2053	30	0	0	0	0	22.4277	11.12	1.2	55.9772	87.8569	0	0	0
8140	10	9.18571	30	0	0	0	0	22.3759	11.12	1.2	53.6141	86.1052	0	0	0
8141	10	12.4847	30	0	0	0	0	22.4393	11.12	1.47	56.5089	88.2511	0	0	0
8142	10	10.5996	30	0	0	0	0	22.4031	11.12	1.43	54.8547	87.0249	0	0	0
8143	10	9.18571	30	0	0	0	0	22.3759	11.12	1.4	53.6141	86.1052	0	0	0
8144	10	13.8986	30	0	0	0	0	22.4665	11.12	1.5	57.7495	89.1708	0	0	0
8145	10	12.1434	30	0	0	0	0	21.5739	11.18	1.47	53.4421	86.1531	0	0	0
8146	10	9.35943	30	0	0	0	0	21.5377	11.18	1.43	53.9768	86.2229	0	0	0
8147	10	7.27143	30	0	0	0	0	21.5105	11.18	1.4	54.3778	86.2752	0	0	0
8148	10	14.2314	30	0	0	0	0	21.601	11.18	1.5	53.0411	86.1008	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8149	10	12.7833	30	0	0	0	0	21.5739	11.18	1.47	53.4421	86.1531	0	0	0
8150	10	10.8524	30	0	0	0	0	21.5377	11.18	1.43	53.9768	86.2229	0	0	0
8151	10	9.40429	30	0	0	0	0	21.5105	11.18	1.4	54.3778	86.2752	0	0	0
8152	10	14.2871	30	0	0	0	0	21.2703	11.2	1.1	53.5333	86.1608	0	0	0
8153	10	12.2183	30	0	0	0	0	21.2316	11.2	1.18571	54.0232	86.2355	0	0	0
8154	10	9.46	30	0	0	0	0	21.1798	11.2	1.3	54.6764	86.3352	0	0	0
8156	10	14.4586	30	0	0	0	0	19.4403	11.31	1.2	56.1381	86.5008	0	0	0
8157	10	13.0104	30	0	0	0	0	19.4131	11.31	1.23	56.1701	86.5531	0	0	0
8158	10	11.0796	30	0	0	0	0	19.3769	11.31	1.27	56.2129	86.6229	0	0	0
8159	10	9.63143	30	0	0	0	0	19.3498	11.31	1.3	56.245	86.6752	0	0	0
8160	10	13.7271	30	0	0	0	0	22.4665	11.12	0.9	57.7495	89.1708	0	0	0
8161	10	10.4953	30	0	0	0	0	22.4147	11.12	0.957143	55.3864	87.4191	0	0	0
8162	10	8.07143	30	0	0	0	0	22.3759	11.12	1	53.6141	86.1052	0	0	0
8163	10	11.1321	30	0	0	0	0	22.4147	11.12	0.957143	55.3864	87.4191	0	0	0
8164	10	9.18571	30	0	0	0	0	22.3759	11.12	1	53.6141	86.1052	0	0	0
8165	10	12.9304	30	0	0	0	0	19.4131	11.31	1.33	56.1701	86.5531	0	0	0
8166	10	11.0453	30	0	0	0	0	19.3769	11.31	1.37	56.2129	86.6229	0	0	0
8167	10	9.63143	30	0	0	0	0	19.3498	11.31	1.4	56.245	86.6752	0	0	0
8168	10	14.3443	30	0	0	0	0	19.4403	11.31	1.3	56.1381	86.5008	0	0	0
8169	10	9.67225	30	0	0	0	0	25.5623	13.76	0.957143	47.5821	88.3476	0	0	0
8170	10	7.5	30	0	0	0	0	25.5623	13.76	1	45.7135	87.5266	0	0	0
8171	10	14.9343	30	0	0	0	0	19.7292	11.29	1.1	55.7283	86.4408	0	0	0
8172	10	12.6451	30	0	0	0	0	19.6904	11.29	1.14286	55.8433	86.5155	0	0	0
8173	10	9.59286	30	0	0	0	0	19.6387	11.29	1.2	55.9967	86.6152	0	0	0
8174	10	12.7647	30	0	0	0	0	22.4393	11.12	1.08	56.5089	88.2511	0	0	0
8175	10	10.7196	30	0	0	0	0	22.4031	11.12	1.32	54.8547	87.0249	0	0	0
8176	10	9.18571	30	0	0	0	0	22.3759	11.12	1.5	53.6141	86.1052	0	0	0
8177	10	14.2986	30	0	0	0	0	22.4665	11.12	0.9	57.7495	89.1708	0	0	0
8178	10	14.7729	30	0	0	0	0	21.7054	11.17	1.1	52.9025	86.0808	0	0	0
8179	10	12.4592	30	0	0	0	0	21.6666	11.17	1.1	53.5005	86.1555	0	0	0
8180	10	9.37429	30	0	0	0	0	21.6149	11.17	1.1	54.2977	86.2552	0	0	0
8181	10	12.9304	30	0	0	0	0	19.4131	11.31	1.43	56.1701	86.5531	0	0	0
8182	10	11.0453	30	0	0	0	0	19.3769	11.31	1.47	56.2129	86.6229	0	0	0
8183	10	9.63143	30	0	0	0	0	19.3498	11.31	1.5	56.245	86.6752	0	0	0
8184	10	14.3443	30	0	0	0	0	19.4403	11.31	1.4	56.1381	86.5008	0	0	0
8185	10	12.2924	30	0	0	0	0	21.7919	8.616	1.08	50.7681	87.1533	0	0	0
8186	10	9.42329	30	0	0	0	0	24.6911	8.184	1.32	46.5787	86.463	0	0	0
8187	10	7.27143	30	0	0	0	0	26.8654	7.86	1.5	43.4367	85.9454	0	0	0
8188	10	14.4443	30	0	0	0	0	19.6175	8.94	0.9	53.9101	87.671	0	0	0
8189	10	12.1386	30	0	0	0	0	22.7336	10.43	1.1	52.5368	86.4366	0	0	0
8190	10	10.9631	30	0	0	0	0	24.3138	10.305	1.18571	49.4013	84.986	0	0	0
8191	10	9.39976	30	0	0	0	0	25.1611	7.20722	1.3	49.5091	82.2932	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8192	10	12.9429	30	0	0	0	0	21.7995	12.51	0.9	55.0011	86.5247	0	0	0
8193	10	10.7127	30	0	0	0	0	21.7478	12.51	0.957143	52.8609	85.7215	0	0	0
8194	10	9.04	30	0	0	0	0	21.709	12.51	1	51.2558	85.1191	0	0	0
8195	10	14.5157	30	0	0	0	0	21.2703	11.2	0.6	53.5333	86.1608	0	0	0
8196	10	11.4967	30	0	0	0	0	21.2316	11.2	0.642857	54.0232	86.2355	0	0	0
8197	10	7.47143	30	0	0	0	0	21.1798	11.2	0.7	54.6764	86.3352	0	0	0
8198	10	11.8257	30	0	0	0	0	24.8127	11.44	0.852727	49.671	82.9413	0	0	0
8199	10	13.67	30	0	0	0	0	22.4665	11.12	0.6	57.7495	89.1708	0	0	0
8200	10	11.1075	30	0	0	0	0	22.4147	11.12	0.885714	55.3864	87.4191	0	0	0
8201	10	9.18571	30	0	0	0	0	22.3759	11.12	1.1	53.6141	86.1052	0	0	0
8202	10	12.3714	30	0	0	0	0	25.672	12.51	0.9	50.541	86.5247	0	0	0
8203	10	10.1412	30	0	0	0	0	25.672	12.51	1.01429	47.3467	85.7215	0	0	0
8204	10	8.46857	30	0	0	0	0	25.672	12.51	1.1	44.951	85.1191	0	0	0
8205	10	10.7157	30	0	0	0	0	22.4147	11.12	0.885714	55.3864	87.4191	0	0	0
8206	10	8.5	30	0	0	0	0	22.3759	11.12	1.1	53.6141	86.1052	0	0	0
8207	10	14.79	30	0	0	0	0	20.3815	11.25	1.1	54.8169	86.3308	0	0	0
8208	10	12.5498	30	0	0	0	0	20.3427	11.25	1.18571	55.0877	86.4055	0	0	0
8209	10	9.56286	30	0	0	0	0	20.291	11.25	1.3	55.4487	86.5052	0	0	0
8210	10	13.2457	30	0	0	0	0	19.4116	12.66	1.5	52.8211	85.3847	0	0	0
8211	10	9.83186	30	0	0	0	0	20.7036	12.5743	1.5	51.9446	85.2386	0	0	0
8212	10	7.27143	30	0	0	0	0	21.6725	12.51	1.5	51.2871	85.1291	0	0	0
8213	10	13.0104	30	0	0	0	0	19.4131	11.31	1.33	56.1701	86.5531	0	0	0
8214	10	11.0796	30	0	0	0	0	19.3769	11.31	1.37	56.2129	86.6229	0	0	0
8215	10	14.4586	30	0	0	0	0	19.4403	11.31	1.3	56.1381	86.5008	0	0	0
8216	10	13.7114	30	0	0	0	0	21.6899	13.76	0.8	54.5336	89.4422	0	0	0
8217	10	11.7315	30	0	0	0	0	21.6511	13.76	0.757143	53.4556	88.6212	0	0	0
8218	10	9.09143	30	0	0	0	0	21.5994	13.76	0.7	52.0182	87.5266	0	0	0
8219	10	13.0257	30	0	0	0	0	21.6899	13.76	0.8	54.5336	89.4422	0	0	0
8220	10	13.0457	30	0	0	0	0	21.4077	12.54	0.9	49.9898	85.0147	0	0	0
8221	10	10.8155	30	0	0	0	0	21.3559	12.54	0.957143	50.9137	85.1144	0	0	0
8222	10	9.14286	30	0	0	0	0	21.3171	12.54	1	51.6065	85.1891	0	0	0
8223	10	14.0714	30	0	0	0	0	30.8747	10.42	0.8	45.1381	85.0637	0	0	0
8224	10	11.5	30	0	0	0	0	30.8359	10.42	0.714286	45.8294	85.1384	0	0	0
8225	10	8.07143	30	0	0	0	0	30.7842	10.42	0.6	46.7511	85.238	0	0	0
8226	10	13.14	30	0	0	0	0	25.5623	13.76	0.8	50.0735	89.4422	0	0	0
8227	10	11.16	30	0	0	0	0	25.5623	13.76	0.757143	48.2049	88.6212	0	0	0
8228	10	8.52	30	0	0	0	0	25.5623	13.76	0.7	45.7135	87.5266	0	0	0
8229	10	11.8257	30	0	0	0	0	28.6342	10.5257	1.17927	46.0461	81.733	0	0	0
8230	10	12.4257	30	0	0	0	0	21.4333	11.57	1.3	57.6701	90.9492	0	0	0
8231	10	10.919	30	0	0	0	0	21.4031	11.57	1.43333	55.705	90.3007	0	0	0
8232	10	9.78903	30	0	0	0	0	21.3805	11.57	1.53333	54.2311	89.8142	0	0	0
8233	10	9.03571	30	0	0	0	0	21.3654	11.57	1.6	53.2486	89.49	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8234	10	13.5557	30	0	0	0	0	21.4559	11.57	1.2	59.1439	91.4356	0	0	0
8235	10	10.7127	30	0	0	0	0	21.7478	12.51	1.01429	52.8609	85.7215	0	0	0
8236	10	9.04	30	0	0	0	0	21.709	12.51	1.1	51.2558	85.1191	0	0	0
8237	10	13.2371	30	0	0	0	0	25.0459	13.79	0.8	46.4769	87.4522	0	0	0
8238	10	11.2834	30	0	0	0	0	25.0459	13.79	0.757143	46.3482	87.527	0	0	0
8239	10	8.67857	30	0	0	0	0	25.0459	13.79	0.7	46.1765	87.6266	0	0	0
8240	10	13.2086	30	0	0	0	0	19.5785	11.71	0.9	57.016	88.8797	0	0	0
8241	10	10.2731	30	0	0	0	0	22.8547	12.2871	0.957143	51.745	85.9205	0	0	0
8242	10	8.07143	30	0	0	0	0	25.3118	12.72	1	47.7918	83.701	0	0	0
8246	10	13.8086	30	0	0	0	0	21.1734	13.79	0.8	50.9371	87.4522	0	0	0
8247	10	11.8549	30	0	0	0	0	21.1346	13.79	0.757143	51.5989	87.527	0	0	0
8248	10	9.25	30	0	0	0	0	21.0829	13.79	0.7	52.4812	87.6266	0	0	0
8249	10	9.74611	30	0	0	0	0	21.3559	12.54	0.957143	50.9137	85.1144	0	0	0
8250	10	7.27143	30	0	0	0	0	21.3171	12.54	1	51.6065	85.1891	0	0	0
8251	10	13.0743	30	0	0	0	0	23.47	7.23	1.5	54.43	90.011	0	0	0
8252	10	11.7684	30	0	0	0	0	23.845	7.41	1.44	53.332	89.7033	0	0	0
8253	10	10.0273	30	0	0	0	0	24.345	7.65	1.36	51.868	89.293	0	0	0
8254	10	8.72143	30	0	0	0	0	24.72	7.83	1.3	50.77	88.9854	0	0	0
8255	10	13.9971	30	0	0	0	0	21.6899	13.76	1.2	54.5336	89.4422	0	0	0
8256	10	11.8947	30	0	0	0	0	21.6511	13.76	1.2	53.4556	88.6212	0	0	0
8257	10	9.09143	30	0	0	0	0	21.5994	13.76	1.2	52.0182	87.5266	0	0	0
8258	10	13.2214	30	0	0	0	0	25.2668	11.58	1.7	47.036	89.3256	0	0	0
8259	10	11.7969	30	0	0	0	0	25.2668	11.58	1.73	47.0251	89.3779	0	0	0
8260	10	9.89743	30	0	0	0	0	25.2668	11.58	1.77	47.0106	89.4477	0	0	0
8261	10	8.47286	30	0	0	0	0	25.2668	11.58	1.8	46.9997	89.5	0	0	0
8262	10	14.4586	30	0	0	0	0	19.4403	11.31	1.5	56.1381	86.5008	0	0	0
8263	10	13.0104	30	0	0	0	0	19.4131	11.31	1.5	56.1701	86.5531	0	0	0
8264	10	11.0796	30	0	0	0	0	19.3769	11.31	1.5	56.2129	86.6229	0	0	0
8265	10	15.0771	30	0	0	0	0	22.5498	9.02	1.1	56.4155	87.291	0	0	0
8266	10	12.7708	30	0	0	0	0	23.5014	8.87429	1.22857	54.9814	86.7571	0	0	0
8267	10	9.69571	30	0	0	0	0	24.7702	8.68	1.4	53.0693	86.0454	0	0	0
8268	10	13	30	0	0	0	0	21.7995	12.51	1.2	55.0011	86.5247	0	0	0
8269	10	10.7371	30	0	0	0	0	21.7478	12.51	1.2	52.8609	85.7215	0	0	0
8270	10	9.04	30	0	0	0	0	21.709	12.51	1.2	51.2558	85.1191	0	0	0
8271	10	12.8243	30	0	0	0	0	20.4211	13.93	0.8	53.1293	87.0409	0	0	0
8272	10	8.07143	30	0	0	0	0	27.7174	13.86	1	49.383	85.2585	0	0	0
8275	10	9.09143	30	0	0	0	0	28.6342	10.5257	1.17927	44.1775	80.8373	0	0	0
8276	10	13.2657	30	0	0	0	0	19.5785	11.71	1.2	57.016	88.8797	0	0	0
8277	10	10.2975	30	0	0	0	0	22.8547	12.2871	1.2	51.745	85.9205	0	0	0
8278	10	8.07143	30	0	0	0	0	25.3118	12.72	1.2	47.7918	83.701	0	0	0
8279	10	11.7143	30	0	0	0	0	24.8569	9.71907	1.34286	51.7694	85.624	0	0	0
8280	10	9.95101	30	0	0	0	0	23.7197	8.4	1.4	56.6619	87.8783	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8281	10	12.3597	30	0	0	0	0	21.4287	11.57	1.73	57.3754	90.8519	0	0	0
8282	10	10.4603	30	0	0	0	0	21.3926	11.57	1.77	55.0172	90.0737	0	0	0
8283	10	9.03571	30	0	0	0	0	21.3654	11.57	1.8	53.2486	89.49	0	0	0
8284	10	13.7843	30	0	0	0	0	21.4559	11.57	1.7	59.1439	91.4356	0	0	0
8285	10	12.349	30	0	0	0	0	21.2316	11.2	0.642857	54.0232	86.2355	0	0	0
8286	10	9.46	30	0	0	0	0	21.1798	11.2	0.7	54.6764	86.3352	0	0	0
8287	10	14.4514	30	0	0	0	0	28.241	13.51	1.2	53.655	88.6119	0	0	0
8288	10	12.2094	30	0	0	0	0	28.8814	13.4586	1.5	53.1454	88.5367	0	0	0
8289	10	9.22	30	0	0	0	0	29.7352	13.39	1.9	52.4657	88.4363	0	0	0
8290	10	13.9457	30	0	0	0	0	29.8257	13.39	1.6	50.961	88.262	0	0	0
8291	10	11.9204	30	0	0	0	0	29.7869	13.39	1.77143	51.6059	88.3367	0	0	0
8292	10	9.22	30	0	0	0	0	29.7352	13.39	2	52.4657	88.4363	0	0	0
8293	10	11.7171	30	0	0	0	0	28.8814	13.4586	1.5	53.1454	88.5367	0	0	0
8294	10	8.07143	30	0	0	0	0	29.7352	13.39	1.9	52.4657	88.4363	0	0	0
8295	10	13.9457	30	0	0	0	0	29.8257	13.39	1.5	50.961	88.262	0	0	0
8296	10	11.9204	30	0	0	0	0	29.7869	13.39	1.67143	51.6059	88.3367	0	0	0
8297	10	14.2857	30	0	0	0	0	18.9693	11.73	1.3	54.966	89.7756	0	0	0
8298	10	12.7133	30	0	0	0	0	19.6696	11.685	1.45	54.4675	89.6929	0	0	0
8299	10	10.6167	30	0	0	0	0	20.6035	11.625	1.65	53.8029	89.5827	0	0	0
8300	10	9.04429	30	0	0	0	0	21.3038	11.58	1.8	53.3044	89.5	0	0	0
8301	10	12.8071	30	0	0	0	0	21.315	10.94	1.6	56.6847	89.8105	0	0	0
8302	10	11.2643	30	0	0	0	0	23.0765	10.0956	1.6	55.8495	89.7637	0	0	0
8303	10	10.1071	30	0	0	0	0	24.3977	9.46222	1.6	55.2232	89.7285	0	0	0
8304	10	9.33571	30	0	0	0	0	25.2784	9.04	1.6	54.8057	89.7051	0	0	0
8305	10	12.8857	30	0	0	0	0	21.7995	12.51	1.6	55.0011	86.5247	0	0	0
8306	10	11.1765	30	0	0	0	0	21.7593	12.51	1.6	53.3365	85.9	0	0	0
8307	10	9.89459	30	0	0	0	0	21.7291	12.51	1.6	52.088	85.4315	0	0	0
8308	10	9.04	30	0	0	0	0	21.709	12.51	1.6	51.2558	85.1191	0	0	0
8309	10	12.4332	30	0	0	0	0	21.3939	11.58	1.3	51.9247	89.3692	0	0	0
8310	10	10.9251	30	0	0	0	0	21.3638	11.58	1.43333	52.5309	89.4273	0	0	0
8311	10	9.79403	30	0	0	0	0	21.3411	11.58	1.53333	52.9854	89.4709	0	0	0
8312	10	9.04	30	0	0	0	0	21.3261	11.58	1.6	53.2885	89.5	0	0	0
8313	10	13.5643	30	0	0	0	0	21.4166	11.58	1.2	51.4702	89.3256	0	0	0
8314	10	12.8643	30	0	0	0	0	21.315	10.94	1.6	56.6847	89.8105	0	0	0
8315	10	11.296	30	0	0	0	0	23.0765	10.0956	1.6	55.8495	89.7637	0	0	0
8316	10	10.1198	30	0	0	0	0	24.3977	9.46222	1.6	55.2232	89.7285	0	0	0
8317	10	11.5189	30	0	0	0	0	25.289	11.58	1.525	47.0035	89.3692	0	0	0
8318	10	10.1632	30	0	0	0	0	25.289	11.58	1.55833	46.9947	89.4273	0	0	0
8319	10	9.14643	30	0	0	0	0	25.289	11.58	1.58333	46.9881	89.4709	0	0	0
8320	10	8.46857	30	0	0	0	0	25.289	11.58	1.6	46.9837	89.5	0	0	0
8321	10	12.5357	30	0	0	0	0	25.289	11.58	1.5	47.0101	89.3256	0	0	0
8322	10	11.4282	30	0	0	0	0	29.7869	13.39	1.67143	51.6059	88.3367	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8323	10	12.745	30	0	0	0	0	18.9885	11.7225	1.3	55.321	89.8117	0	0	0
8324	10	11.0983	30	0	0	0	0	20.0274	11.6592	1.43333	54.4177	89.6732	0	0	0
8325	10	9.86331	30	0	0	0	0	20.8066	11.6117	1.53333	53.7401	89.5693	0	0	0
8326	10	12.0904	30	0	0	0	0	21.3939	11.58	1.525	51.9247	89.3692	0	0	0
8327	10	10.7347	30	0	0	0	0	21.3638	11.58	1.55833	52.5309	89.4273	0	0	0
8328	10	9.71786	30	0	0	0	0	21.3411	11.58	1.58333	52.9854	89.4709	0	0	0
8329	10	13.1071	30	0	0	0	0	21.4166	11.58	1.5	51.4702	89.3256	0	0	0
8330	10	11.993	30	0	0	0	0	19.6904	11.29	1.14286	55.8433	86.5155	0	0	0
8331	10	8.07143	30	0	0	0	0	19.6387	11.29	1.2	55.9967	86.6152	0	0	0
8335	10	11.8482	30	0	0	0	0	21.3939	11.58	1.525	51.9247	89.3692	0	0	0
8336	10	10.1696	30	0	0	0	0	21.3638	11.58	1.55833	52.5309	89.4273	0	0	0
8337	10	8.91072	30	0	0	0	0	21.3411	11.58	1.58333	52.9854	89.4709	0	0	0
8338	10	8.07143	30	0	0	0	0	21.3261	11.58	1.6	53.2885	89.5	0	0	0
8339	10	14.2886	30	0	0	0	0	29.8257	13.39	1.2	50.961	88.262	0	0	0
8340	10	12.1163	30	0	0	0	0	29.7869	13.39	1.5	51.6059	88.3367	0	0	0
8341	10	11.0116	30	0	0	0	0	30.2781	13.35	0.544444	52.8118	89.2239	0	0	0
8342	10	9.83632	30	0	0	0	0	30.2479	13.35	0.577778	52.2934	88.6854	0	0	0
8343	10	9.05286	30	0	0	0	0	30.2278	13.35	0.6	51.9477	88.3263	0	0	0
8344	10	12.5786	30	0	0	0	0	30.3183	13.35	0.5	53.503	89.942	0	0	0
8345	10	10.7587	30	0	0	0	0	29.124	13.4389	0.5	52.8962	88.485	0	0	0
8346	10	9.14635	30	0	0	0	0	29.7863	13.3856	0.5	52.3271	88.3898	0	0	0
8347	10	8.07143	30	0	0	0	0	30.2278	13.35	0.5	51.9477	88.3263	0	0	0
8348	10	12.9086	30	0	0	0	0	28.241	13.51	0.5	53.655	88.6119	0	0	0
8349	10	13.3686	30	0	0	0	0	24.8483	13.76	0.7	54.2181	89.3372	0	0	0
8350	10	11.0984	30	0	0	0	0	24.8095	13.76	0.614286	53.14	88.5162	0	0	0
8351	10	8.07143	30	0	0	0	0	24.7578	13.76	0.5	51.7027	87.4216	0	0	0
8352	10	11.1949	30	0	0	0	0	29.124	13.4389	0.5	52.8962	88.485	0	0	0
8353	10	9.90966	30	0	0	0	0	29.7863	13.3856	0.5	52.3271	88.3898	0	0	0
8354	10	9.05286	30	0	0	0	0	30.2278	13.35	0.5	51.9477	88.3263	0	0	0
8355	10	14.0714	30	0	0	0	0	24.8483	13.76	0.8	54.2181	89.3372	0	0	0
8356	10	11.7315	30	0	0	0	0	24.8095	13.76	0.757143	53.14	88.5162	0	0	0
8357	10	9.4	30	0	0	0	0	24.7578	13.76	0.7	51.7027	87.4216	0	0	0
8358	10	13.7686	30	0	0	0	0	21.6899	13.76	0.8	54.5336	89.4422	0	0	0
8359	10	11.7641	30	0	0	0	0	21.6511	13.76	0.757143	53.4556	88.6212	0	0	0
8360	10	11.0116	30	0	0	0	0	30.2781	13.35	0.5	52.8118	89.2239	0	0	0
8361	10	9.83632	30	0	0	0	0	30.2479	13.35	0.5	52.2934	88.6854	0	0	0
8365	10	10.217	30	0	0	0	0	30.0144	13.37	0.744444	51.2871	88.2895	0	0	0
8366	10	9.57508	30	0	0	0	0	29.9842	13.37	0.777778	51.843	88.3476	0	0	0
8367	10	9.14714	30	0	0	0	0	29.9641	13.37	0.8	52.2137	88.3863	0	0	0
8368	10	11.0729	30	0	0	0	0	30.0546	13.37	0.7	50.5458	88.212	0	0	0
8369	10	12.7671	30	0	0	0	0	20.4211	13.93	0.8	53.1293	87.0409	0	0	0
8370	10	8.75714	30	0	0	0	0	27.7174	13.86	0.9	49.383	85.2585	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8371	10	12.4021	30	0	0	0	0	18.9885	11.7225	1.525	55.321	89.8117	0	0	0
8372	10	10.9078	30	0	0	0	0	20.0274	11.6592	1.55833	54.4177	89.6732	0	0	0
8373	10	9.78714	30	0	0	0	0	20.8066	11.6117	1.58333	53.7401	89.5693	0	0	0
8374	10	10.1544	30	0	0	0	0	30.2781	13.35	0.8	52.8118	89.2239	0	0	0
8375	10	9.49349	30	0	0	0	0	30.2479	13.35	0.8	52.2934	88.6854	0	0	0
8376	10	11.0357	30	0	0	0	0	30.3183	13.35	0.8	53.503	89.942	0	0	0
8377	10	8.90299	20	0	0	0	0	18.8901	7.0397	0.584401	50.9304	87.5039	0	0	0
8378	10	7.68405	20	0	0	0	0	19.7219	6.39532	0.601111	48.5532	86.8511	0	0	0
8379	10	6.87143	20	0	0	0	0	20.2765	5.96574	0.612252	46.9685	86.4158	0	0	0
8380	10	10.2884	30	0	0	0	0	29.3934	13.42	0.744444	52.3585	88.4284	0	0	0
8381	10	9.60365	30	0	0	0	0	29.7358	13.39	0.777778	52.2716	88.4032	0	0	0
8382	10	11.2014	30	0	0	0	0	28.9367	13.46	0.7	52.4743	88.4619	0	0	0
8386	10	10.8846	30	0	0	0	0	30.2781	13.35	0.8	52.8118	89.2239	0	0	0
8387	10	9.78558	30	0	0	0	0	30.2479	13.35	0.8	52.2934	88.6854	0	0	0
8388	10	12.35	30	0	0	0	0	30.3183	13.35	0.8	53.503	89.942	0	0	0
8392	10	13.1129	30	0	0	0	0	23.0575	11.52	0.6	57.7901	81.241	0	0	0
8393	10	10.232	30	0	0	0	0	24.8574	11.28	0.885714	53.459	81.4865	0	0	0
8394	10	8.07143	30	0	0	0	0	26.2072	11.1	1.1	50.2106	81.6707	0	0	0
8404	10	13.4743	30	0	0	0	0	23.47	7.23	1.7	54.43	90.011	0	0	0
8405	10	12.0484	30	0	0	0	0	23.845	7.41	1.73	53.332	89.7033	0	0	0
8406	10	10.1473	30	0	0	0	0	24.345	7.65	1.77	51.868	89.293	0	0	0
8407	10	8.72143	30	0	0	0	0	24.72	7.83	1.8	50.77	88.9854	0	0	0
8408	10	12.4592	30	0	0	0	0	21.6666	11.17	1.22857	53.5005	86.1555	0	0	0
8409	10	9.37429	30	0	0	0	0	21.6149	11.17	1.4	54.2977	86.2552	0	0	0
8410	10	11.5	30	0	0	0	0	30.8359	10.42	0.757143	45.8294	85.1384	0	0	0
8411	10	8.07143	30	0	0	0	0	30.7842	10.42	0.7	46.7511	85.238	0	0	0
8414	10	9.40254	30	0	0	0	0	23.4257	7.11111	0.8	49.2357	83.0741	0	0	0
8415	10	9.31873	30	0	0	0	0	25.784	7.52444	0.8	49.0352	82.1988	0	0	0
8416	10	9.26286	30	0	0	0	0	27.3561	7.8	0.8	48.9015	81.6154	0	0	0
8417	10	13.8886	30	0	0	0	0	29.8257	13.39	1.6	50.961	88.262	0	0	0
8418	10	11.8877	30	0	0	0	0	29.7869	13.39	1.68571	51.6059	88.3367	0	0	0
8419	10	9.22	30	0	0	0	0	29.7352	13.39	1.8	52.4657	88.4363	0	0	0
8420	10	12.6451	30	0	0	0	0	19.6904	11.29	1.18571	55.8433	86.5155	0	0	0
8421	10	9.59286	30	0	0	0	0	19.6387	11.29	1.3	55.9967	86.6152	0	0	0
8422	10	14.9157	30	0	0	0	0	21.2703	11.2	1.2	53.5333	86.1608	0	0	0
8423	10	12.5775	30	0	0	0	0	21.2316	11.2	1.24286	54.0232	86.2355	0	0	0
8424	10	8.90299	30	0	0	0	0	18.8901	7.0397	0.744444	50.9304	87.5039	0	0	0
8425	10	7.68405	30	0	0	0	0	19.7219	6.39532	0.777778	48.5532	86.8511	0	0	0
8426	10	6.87143	30	0	0	0	0	20.2765	5.96574	0.8	46.9685	86.4158	0	0	0
8427	10	14.1657	30	0	0	0	0	28.241	13.51	1.3	53.655	88.6119	0	0	0
8428	10	11.9745	30	0	0	0	0	29.0925	13.4414	1.51429	52.9234	88.4896	0	0	0
8429	10	13.8357	30	0	0	0	0	30.3183	13.35	1.4	53.503	89.942	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8430	10	11.7859	30	0	0	0	0	30.2795	13.35	1.61429	52.8365	89.2496	0	0	0
8431	10	9.05286	30	0	0	0	0	30.2278	13.35	1.9	51.9477	88.3263	0	0	0
8432	10	14.3714	30	0	0	0	0	27.7689	8.21	1.4	50.0037	88.291	0	0	0
8433	10	11.7486	30	0	0	0	0	27.7301	8.21	1.61429	50.6247	88.3657	0	0	0
8434	10	8.25143	30	0	0	0	0	27.6783	8.21	1.9	51.4528	88.4654	0	0	0
8437	10	12.8	30	0	0	0	0	19.3384	9.165	1.12063	58.2401	91.3532	0	0	0
8438	10	10.7619	30	0	0	0	0	20.6223	9.945	1.20213	55.5474	91.2226	0	0	0
8439	10	9.23334	30	0	0	0	0	21.5853	10.53	1.26325	53.5279	91.1246	0	0	0
8440	10	8.21429	30	0	0	0	0	22.2274	10.92	1.304	52.1816	91.0592	0	0	0
8441	10	13.4581	30	0	0	0	0	19.3411	12.5054	0.604355	57.5634	91.0562	0	0	0
8442	10	10.6758	30	0	0	0	0	19.6653	11.3573	0.587511	54.5332	90.9154	0	0	0
8443	10	6.96613	30	0	0	0	0	20.0976	9.82633	0.565053	50.4929	90.7276	0	0	0
8444	10	13.9429	30	0	0	0	0	29.3579	13.35	1.36	54.6113	90.97	0	0	0
8445	10	11.9396	30	0	0	0	0	29.3094	13.35	1.39429	54.1424	90.2963	0	0	0
8446	10	9.26857	30	0	0	0	0	29.2447	13.35	1.44	53.5171	89.3979	0	0	0
8448	10	12.3429	30	0	0	0	0	19.3291	9.76214	0.64	55.4266	87.3921	0	0	0
8449	10	10.9041	30	0	0	0	0	21.4863	9.8785	0.605714	53.5882	86.3808	0	0	0
8450	10	10.9041	30	0	0	0	0	21.1863	9.66421	0.605714	53.3895	86.6621	0	0	0
8451	10	8.98571	30	0	0	0	0	23.9625	9.74786	0.56	50.8721	85.4075	0	0	0
8453	10	8.98571	30	0	0	0	0	22.7825	10.615	0.56	51.7506	85.3846	0	0	0
8454	10	8.98571	30	0	0	0	0	22.1682	10.3393	0.56	53.1209	85.8433	0	0	0
8455	10	8.98571	30	0	0	0	0	23.3139	9.74643	0.56	50.3259	85.741	0	0	0
8458	10	12.346	30	0	0	0	0	16.6134	9.77198	0.64	54.9554	88.8252	0	0	0
8459	10	11.6914	30	0	0	0	0	20.2982	11.5375	0.706677	54.3745	91.3699	0	0	0
8462	10	9.70542	30	0	0	0	0	20.6306	10.0911	0.695137	53.0128	91.0705	0	0	0
8465	10	7.05839	30	0	0	0	0	21.8784	9.12347	0.679751	50.5441	90.5638	0	0	0
8467	10	7.06081	30	0	0	0	0	22.9112	8.97254	0.679751	49.5273	89.5708	0	0	0
8468	10	7.06239	30	0	0	0	0	21.8292	8.79958	0.679751	50.9173	90.6911	0	0	0
8469	10	9.71336	30	0	0	0	0	22.6835	10.2711	0.695137	52.0204	90.2362	0	0	0
8470	10	11.7009	30	0	0	0	0	22.6825	11.6226	0.706677	54.1139	90.2362	0	0	0
8471	10	13.7245	30	0	0	0	0	24.2108	10.1043	1.001	51.0539	85.903	0	0	0
8472	10	11.7041	30	0	0	0	0	23.8083	9.60401	1.034	53.3313	86.8501	0	0	0
8473	10	9.0102	30	0	0	0	0	22.7996	8.4	1.078	58.0024	88.9479	0	0	0
8474	10	12.7943	30	0	0	0	0	27.5622	13.51	0.495	54.0273	89.66	0	0	0
8475	10	9.54857	30	0	0	0	0	27.4491	13.51	0.495	54.4869	89.8779	0	0	0
8476	10	14.6829	30	0	0	0	0	35.62	0.92	2.5	50.33	92.8112	0	0	0
8477	10	12.3057	30	0	0	0	0	38.68	1.28	2.7	46.63	89.7492	0	0	0
8478	10	15.3971	30	0	0	0	0	30.7794	0.92	2.5	55.9051	92.8112	0	0	0
8479	10	13.02	30	0	0	0	0	33.7263	1.28	2.7	54.5109	89.7492	0	0	0
8489	10	13.76	30	0	0	0	0	25.5954	13.76	0.72	50.0444	90.4628	0	0	0
8490	10	11.54	30	0	0	0	0	25.5954	13.76	0.754286	48.1758	89.6604	0	0	0
8491	10	8.58	30	0	0	0	0	25.5954	13.76	0.8	45.6844	88.5907	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8501	10	10.9527	30	0	0	0	0	29.3076	13.35	0.595556	54.125	90.2713	0	0	0
8502	10	9.94225	30	0	0	0	0	29.2699	13.35	0.622222	53.7603	89.7473	0	0	0
8503	10	9.26857	30	0	0	0	0	29.2447	13.35	0.64	53.5171	89.3979	0	0	0
8504	10	12.3	30	0	0	0	0	29.3579	13.35	0.56	54.6113	90.97	0	0	0
8505	10	12.3457	30	0	0	0	0	25.6869	12.51	1.1775	44.9469	85.9709	0	0	0
8506	10	10.1759	30	0	0	0	0	25.6869	12.51	1.1775	44.9346	86.0955	0	0	0
8507	10	8.54857	30	0	0	0	0	25.6869	12.51	1.1775	44.9254	86.1889	0	0	0
8508	10	13.06	30	0	0	0	0	20.8464	12.51	0.471	50.5221	85.9709	0	0	0
8509	10	10.291	30	0	0	0	0	20.7816	12.51	0.695286	51.8274	86.0955	0	0	0
8510	10	8.21429	30	0	0	0	0	20.7331	12.51	0.8635	52.8064	86.1889	0	0	0
8511	10	13.1371	30	0	0	0	0	22.0894	11.52	0.7065	58.9051	82.2712	0	0	0
8512	10	10.3241	30	0	0	0	0	23.8835	11.28	0.7065	54.8312	82.5396	0	0	0
8513	10	8.21429	30	0	0	0	0	25.229	11.1	0.7065	51.7757	82.7409	0	0	0
8520	10	13.2086	30	0	0	0	0	22.0894	11.52	1.1775	58.9051	82.2712	0	0	0
8521	10	10.8379	30	0	0	0	0	23.8835	11.28	1.1775	54.8312	82.5396	0	0	0
8522	10	9.06	30	0	0	0	0	25.229	11.1	1.1775	51.7757	82.7409	0	0	0
8523	10	12.5457	30	0	0	0	0	25.5954	13.76	0.72	50.0444	90.4628	0	0	0
8524	10	10.2796	30	0	0	0	0	25.5954	13.76	0.765714	47.553	89.3931	0	0	0
8525	10	13.0486	30	0	0	0	0	23.401	7.93	0.56	53.3901	85.9664	0	0	0
8526	10	9.82895	30	0	0	0	0	26.3241	7.09571	0.605714	50.1481	86.2091	0	0	0
8527	10	7.41429	30	0	0	0	0	28.5165	6.47	0.64	47.7167	86.3913	0	0	0
8528	10	13.26	30	0	0	0	0	20.7549	13.76	0.72	55.6195	90.4628	0	0	0
8529	10	10.9939	30	0	0	0	0	20.6902	13.76	0.765714	54.4457	89.3931	0	0	0
8530	10	9.29429	30	0	0	0	0	20.6417	13.76	0.8	53.5653	88.5907	0	0	0
8531	10	13.2629	30	0	0	0	0	23.401	7.93	0.72	53.3901	85.9664	0	0	0
8532	10	9.92081	30	0	0	0	0	26.3241	7.09571	0.765714	50.1481	86.2091	0	0	0
8533	10	7.41429	30	0	0	0	0	28.5165	6.47	0.8	47.7167	86.3913	0	0	0
8534	10	13.06	30	0	0	0	0	20.8464	12.51	1.1775	50.5221	85.9709	0	0	0
8535	10	10.8902	30	0	0	0	0	20.7816	12.51	1.1775	51.8274	86.0955	0	0	0
8536	10	9.26286	30	0	0	0	0	20.7331	12.51	1.1775	52.8064	86.1889	0	0	0
8537	10	9.86981	30	0	0	0	0	26.3241	7.09571	0.605714	50.1481	86.2091	0	0	0
8538	10	7.48571	30	0	0	0	0	28.5165	6.47	0.64	47.7167	86.3913	0	0	0
8539	10	14.58	30	0	0	0	0	21.5156	11.12	0.924	58.8494	90.196	0	0	0
8540	10	12.3416	30	0	0	0	0	21.4671	11.12	0.924	57.2747	88.9008	0	0	0
8541	10	9.35714	30	0	0	0	0	21.4024	11.12	0.924	55.1751	87.174	0	0	0
8542	10	12.5131	30	0	0	0	0	21.4816	11.12	1.1319	57.7471	89.2894	0	0	0
8543	10	10.7097	30	0	0	0	0	21.4364	11.12	1.1011	56.2774	88.0806	0	0	0
8544	10	9.35714	30	0	0	0	0	21.4024	11.12	1.078	55.1751	87.174	0	0	0
8545	10	13.8657	30	0	0	0	0	21.5156	11.12	1.155	58.8494	90.196	0	0	0
8546	10	12.1323	30	0	0	0	0	20.7174	11.18	1.1319	54.3351	87.1914	0	0	0
8547	10	9.43629	30	0	0	0	0	20.6721	11.18	1.1011	55.0035	87.2786	0	0	0
8548	10	7.41429	30	0	0	0	0	20.6381	11.18	1.078	55.5047	87.344	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8549	10	14.1543	30	0	0	0	0	20.7513	11.18	1.155	53.8339	87.126	0	0	0
8550	10	12.7589	30	0	0	0	0	20.7174	11.18	1.1319	54.3351	87.1914	0	0	0
8551	10	10.8983	30	0	0	0	0	20.6721	11.18	1.1011	55.0035	87.2786	0	0	0
8552	10	9.50286	30	0	0	0	0	20.6381	11.18	1.078	55.5047	87.344	0	0	0
8553	10	14.1914	30	0	0	0	0	20.4579	11.2	0.847	54.2091	87.186	0	0	0
8554	10	12.1979	30	0	0	0	0	20.4095	11.2	0.913	54.8215	87.2794	0	0	0
8555	10	9.54	30	0	0	0	0	20.3448	11.2	1.001	55.638	87.404	0	0	0
8557	10	13.6514	30	0	0	0	0	21.5156	11.12	0.693	58.8494	90.196	0	0	0
8558	10	10.5445	30	0	0	0	0	21.4509	11.12	0.737	56.7498	88.4692	0	0	0
8559	10	8.21429	30	0	0	0	0	21.4024	11.12	0.77	55.1751	87.174	0	0	0
8560	10	11.1976	30	0	0	0	0	21.4509	11.12	0.737	56.7498	88.4692	0	0	0
8561	10	9.35714	30	0	0	0	0	21.4024	11.12	0.77	55.1751	87.174	0	0	0
8562	10	9.66245	30	0	0	0	0	25.5954	13.76	0.765714	47.553	89.3931	0	0	0
8563	10	7.5	30	0	0	0	0	25.5954	13.76	0.8	45.6844	88.5907	0	0	0
8564	10	14.9229	30	0	0	0	0	19.0765	11.29	0.847	55.8754	87.466	0	0	0
8565	10	12.6539	30	0	0	0	0	19.028	11.29	0.88	56.0191	87.5594	0	0	0
8566	10	9.62857	30	0	0	0	0	18.9634	11.29	0.924	56.2109	87.684	0	0	0
8567	10	12.8631	30	0	0	0	0	21.4816	11.12	0.8316	57.7471	89.2894	0	0	0
8568	10	10.8597	30	0	0	0	0	21.4364	11.12	1.0164	56.2774	88.0806	0	0	0
8569	10	9.35714	30	0	0	0	0	21.4024	11.12	1.155	55.1751	87.174	0	0	0
8570	10	14.3657	30	0	0	0	0	21.5156	11.12	0.693	58.8494	90.196	0	0	0
8571	10	14.8486	30	0	0	0	0	20.8443	11.17	0.847	53.7306	87.106	0	0	0
8572	10	12.549	30	0	0	0	0	20.7958	11.17	0.847	54.4781	87.1994	0	0	0
8573	10	9.48286	30	0	0	0	0	20.7311	11.17	0.847	55.4746	87.324	0	0	0
8574	10	12.3483	30	0	0	0	0	20.8266	8.616	0.8316	51.9871	88.1966	0	0	0
8575	10	9.52886	30	0	0	0	0	23.7296	8.184	1.0164	47.9364	87.5238	0	0	0
8576	10	7.41429	30	0	0	0	0	25.9068	7.86	1.155	44.8984	87.0192	0	0	0
8577	10	14.4629	30	0	0	0	0	18.6494	8.94	0.693	55.0251	88.7012	0	0	0
8578	10	12.9257	30	0	0	0	0	21.9758	10.43	0.847	53.0798	87.462	0	0	0
8579	10	11.4564	30	0	0	0	0	23.3885	9.88629	0.913	50.5854	85.9238	0	0	0
8580	10	9.49984	30	0	0	0	0	24.4324	7.20722	1.001	50.1186	83.367	0	0	0
8581	10	13.1286	30	0	0	0	0	20.8794	12.51	0.7065	56.0739	87.5409	0	0	0
8582	10	10.918	30	0	0	0	0	20.8148	12.51	0.751357	54.1972	86.7626	0	0	0
8583	10	9.26	30	0	0	0	0	20.7663	12.51	0.785	52.7897	86.1789	0	0	0
8584	10	14.4771	30	0	0	0	0	20.4579	11.2	0.462	54.2091	87.186	0	0	0
8585	10	11.5359	30	0	0	0	0	20.4095	11.2	0.495	54.8215	87.2794	0	0	0
8586	10	7.61429	30	0	0	0	0	20.3448	11.2	0.539	55.638	87.404	0	0	0
8587	10	11.6171	30	0	0	0	0	24.6584	10.86	0.682182	49.5413	82.3366	0	0	0
8588	10	13.58	30	0	0	0	0	21.5156	11.12	0.462	58.8494	90.196	0	0	0
8589	10	11.1669	30	0	0	0	0	21.4509	11.12	0.682	56.7498	88.4692	0	0	0
8590	10	9.35714	30	0	0	0	0	21.4024	11.12	0.847	55.1751	87.174	0	0	0
8591	10	12.4143	30	0	0	0	0	25.72	12.51	0.7065	50.4987	87.5409	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8592	10	10.2037	30	0	0	0	0	25.72	12.51	0.796214	47.3044	86.7626	0	0	0
8593	10	8.54571	30	0	0	0	0	25.72	12.51	0.8635	44.9087	86.1789	0	0	0
8594	10	10.6771	30	0	0	0	0	21.4509	11.12	0.682	56.7498	88.4692	0	0	0
8595	10	8.5	30	0	0	0	0	21.4024	11.12	0.847	55.1751	87.174	0	0	0
8596	10	14.76	30	0	0	0	0	19.6644	11.25	0.847	55.1836	87.356	0	0	0
8597	10	12.5522	30	0	0	0	0	19.6159	11.25	0.913	55.5221	87.4494	0	0	0
8598	10	9.60857	30	0	0	0	0	19.5512	11.25	1.001	55.9734	87.574	0	0	0
8599	10	13.2971	30	0	0	0	0	18.742	12.66	1.1775	53.0739	86.4009	0	0	0
8600	10	9.93554	30	0	0	0	0	19.8798	12.5743	1.1775	52.9211	86.2797	0	0	0
8601	10	7.41429	30	0	0	0	0	20.7331	12.51	1.1775	52.8064	86.1889	0	0	0
8602	10	13.9743	30	0	0	0	0	20.7549	13.76	0.64	55.6195	90.4628	0	0	0
8603	10	11.9686	30	0	0	0	0	20.7064	13.76	0.605714	54.7391	89.6604	0	0	0
8604	10	9.29429	30	0	0	0	0	20.6417	13.76	0.56	53.5653	88.5907	0	0	0
8605	10	13.1171	30	0	0	0	0	20.7549	13.76	0.64	55.6195	90.4628	0	0	0
8606	10	13.1971	30	0	0	0	0	20.5321	12.54	0.7065	50.9248	86.0309	0	0	0
8607	10	10.9865	30	0	0	0	0	20.4674	12.54	0.751357	52.0796	86.1555	0	0	0
8608	10	9.32857	30	0	0	0	0	20.4189	12.54	0.785	52.9456	86.2489	0	0	0
8609	10	14.2143	30	0	0	0	0	30.0009	10.42	0.64	46.0851	86.0846	0	0	0
8610	10	11.6429	30	0	0	0	0	29.9524	10.42	0.571429	46.9492	86.178	0	0	0
8611	10	8.21429	30	0	0	0	0	29.8877	10.42	0.48	48.1014	86.3025	0	0	0
8612	10	13.26	30	0	0	0	0	25.5954	13.76	0.64	50.0444	90.4628	0	0	0
8613	10	11.2543	30	0	0	0	0	25.5954	13.76	0.605714	48.1758	89.6604	0	0	0
8614	10	8.58	30	0	0	0	0	25.5954	13.76	0.56	45.6844	88.5907	0	0	0
8615	10	11.6171	30	0	0	0	0	29.4353	9.71714	0.943418	45.0101	80.8262	0	0	0
8616	10	12.6171	30	0	0	0	0	20.4641	11.57	1.0595	58.8964	91.989	0	0	0
8617	10	11.1238	30	0	0	0	0	20.4264	11.57	1.16817	57.085	91.355	0	0	0
8618	10	10.0038	30	0	0	0	0	20.3981	11.57	1.24967	55.7264	90.8794	0	0	0
8619	10	9.25714	30	0	0	0	0	20.3792	11.57	1.304	54.8208	90.5625	0	0	0
8620	10	13.7371	30	0	0	0	0	20.4924	11.57	0.978	60.2549	92.4645	0	0	0
8621	10	10.918	30	0	0	0	0	20.8148	12.51	0.796214	54.1972	86.7626	0	0	0
8622	10	9.26	30	0	0	0	0	20.7663	12.51	0.8635	52.7897	86.1789	0	0	0
8623	10	13.2914	30	0	0	0	0	25.1374	13.79	0.64	46.2661	88.4728	0	0	0
8624	10	11.3175	30	0	0	0	0	25.1374	13.79	0.605714	46.1052	88.5662	0	0	0
8625	10	8.68571	30	0	0	0	0	25.1374	13.79	0.56	45.8906	88.6907	0	0	0
8626	10	13.3057	30	0	0	0	0	18.6456	11.71	0.7065	58.1	89.8996	0	0	0
8627	10	10.3964	30	0	0	0	0	21.8909	12.2871	0.751357	53.1084	86.9706	0	0	0
8628	10	8.21429	30	0	0	0	0	24.3247	12.72	0.785	49.3648	84.7738	0	0	0
8632	10	14.0057	30	0	0	0	0	20.2968	13.79	0.64	51.8414	88.4728	0	0	0
8633	10	12.0318	30	0	0	0	0	20.2483	13.79	0.605714	52.6686	88.5662	0	0	0
8634	10	9.4	30	0	0	0	0	20.1836	13.79	0.56	53.7715	88.6907	0	0	0
8635	10	9.89264	30	0	0	0	0	20.4674	12.54	0.751357	52.0796	86.1555	0	0	0
8636	10	7.41429	30	0	0	0	0	20.4189	12.54	0.785	52.9456	86.2489	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8637	10	12.9829	30	0	0	0	0	23.47	7.23	1.2225	54.43	91.0412	0	0	0
8638	10	11.7023	30	0	0	0	0	23.845	7.41	1.1736	53.332	90.7466	0	0	0
8639	10	9.99486	30	0	0	0	0	24.345	7.65	1.1084	51.868	90.3538	0	0	0
8640	10	8.71429	30	0	0	0	0	24.72	7.83	1.0595	50.77	90.0592	0	0	0
8641	10	14.3314	30	0	0	0	0	20.7549	13.76	0.96	55.6195	90.4628	0	0	0
8642	10	12.1727	30	0	0	0	0	20.7064	13.76	0.96	54.7391	89.6604	0	0	0
8643	10	9.29429	30	0	0	0	0	20.6417	13.76	0.96	53.5653	88.5907	0	0	0
8644	10	13.3143	30	0	0	0	0	25.2785	11.58	1.3855	47.01	90.3545	0	0	0
8645	10	11.8846	30	0	0	0	0	25.2785	11.58	1.40995	46.9964	90.4199	0	0	0
8646	10	9.97829	30	0	0	0	0	25.2785	11.58	1.44255	46.9782	90.5071	0	0	0
8647	10	8.54857	30	0	0	0	0	25.2785	11.58	1.467	46.9646	90.5725	0	0	0
8648	10	15.0514	30	0	0	0	0	21.8372	9.02	0.847	56.7969	88.3212	0	0	0
8649	10	12.7567	30	0	0	0	0	22.805	8.87429	0.946	55.3718	87.806	0	0	0
8650	10	9.69714	30	0	0	0	0	24.0952	8.68	1.078	53.4716	87.1192	0	0	0
8651	10	13.2	30	0	0	0	0	20.8794	12.51	0.942	56.0739	87.5409	0	0	0
8652	10	10.9486	30	0	0	0	0	20.8148	12.51	0.942	54.1972	86.7626	0	0	0
8653	10	9.26	30	0	0	0	0	20.7663	12.51	0.942	52.7897	86.1789	0	0	0
8654	10	12.9829	30	0	0	0	0	19.5214	13.93	0.64	54.1841	88.0511	0	0	0
8655	10	8.21429	30	0	0	0	0	26.9117	13.86	0.8	50.7962	86.2781	0	0	0
8658	10	9.29429	30	0	0	0	0	29.4353	9.71714	0.943418	43.7644	80.2291	0	0	0
8659	10	13.3771	30	0	0	0	0	18.6456	11.71	0.942	58.1	89.8996	0	0	0
8660	10	10.4269	30	0	0	0	0	21.8909	12.2871	0.942	53.1084	86.9706	0	0	0
8661	10	8.21429	30	0	0	0	0	24.3247	12.72	0.942	49.3648	84.7738	0	0	0
8662	10	12.0714	30	0	0	0	0	23.8083	9.60401	1.034	53.3313	86.8501	0	0	0
8663	10	9.86734	30	0	0	0	0	22.7996	8.4	1.078	58.0024	88.9479	0	0	0
8664	10	12.5931	30	0	0	0	0	20.4584	11.57	1.40995	58.6247	91.8939	0	0	0
8665	10	10.6869	30	0	0	0	0	20.4132	11.57	1.44255	56.451	91.1331	0	0	0
8666	10	9.25714	30	0	0	0	0	20.3792	11.57	1.467	54.8208	90.5625	0	0	0
8667	10	14.0229	30	0	0	0	0	20.4924	11.57	1.3855	60.2549	92.4645	0	0	0
8668	10	12.3612	30	0	0	0	0	20.4095	11.2	0.495	54.8215	87.2794	0	0	0
8669	10	9.54	30	0	0	0	0	20.3448	11.2	0.539	55.638	87.404	0	0	0
8670	10	14.7343	30	0	0	0	0	27.6438	13.51	0.96	53.9088	89.6399	0	0	0
8671	10	12.4396	30	0	0	0	0	28.1571	13.4586	1.2	53.8385	89.5834	0	0	0
8672	10	9.38	30	0	0	0	0	28.8415	13.39	1.52	53.7446	89.5079	0	0	0
8673	10	14.1971	30	0	0	0	0	28.9546	13.39	1.28	51.8638	89.29	0	0	0
8674	10	12.1326	30	0	0	0	0	28.9061	13.39	1.41714	52.6699	89.3834	0	0	0
8675	10	9.38	30	0	0	0	0	28.8415	13.39	1.6	53.7446	89.5079	0	0	0
8676	10	11.94	30	0	0	0	0	28.1571	13.4586	1.2	53.8385	89.5834	0	0	0
8677	10	8.21429	30	0	0	0	0	28.8415	13.39	1.52	53.7446	89.5079	0	0	0
8678	10	14.1971	30	0	0	0	0	28.9546	13.39	1.2	51.8638	89.29	0	0	0
8679	10	12.1326	30	0	0	0	0	28.9061	13.39	1.33714	52.6699	89.3834	0	0	0
8680	10	14.4571	30	0	0	0	0	18.2641	11.73	1.0595	55.2225	90.8045	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8681	10	12.8989	30	0	0	0	0	18.8823	11.685	1.18175	55.1094	90.7349	0	0	0
8682	10	10.8211	30	0	0	0	0	19.7066	11.625	1.34475	54.9586	90.6421	0	0	0
8683	10	9.26286	30	0	0	0	0	20.3248	11.58	1.467	54.8455	90.5725	0	0	0
8684	10	12.9714	30	0	0	0	0	20.6563	10.94	1.256	56.8759	90.8406	0	0	0
8685	10	11.4095	30	0	0	0	0	22.3281	10.0956	1.256	56.4408	90.8132	0	0	0
8686	10	10.2381	30	0	0	0	0	23.5821	9.46222	1.256	56.1146	90.7926	0	0	0
8687	10	9.45714	30	0	0	0	0	24.418	9.04	1.256	55.8971	90.7789	0	0	0
8688	10	13.0571	30	0	0	0	0	20.8794	12.51	1.256	56.0739	87.5409	0	0	0
8689	10	11.3695	30	0	0	0	0	20.8291	12.51	1.256	54.6142	86.9356	0	0	0
8690	10	10.1038	30	0	0	0	0	20.7914	12.51	1.256	53.5195	86.4816	0	0	0
8691	10	9.26	30	0	0	0	0	20.7663	12.51	1.256	52.7897	86.1789	0	0	0
8692	10	12.6221	30	0	0	0	0	20.4299	11.58	1.0595	53.1334	90.409	0	0	0
8693	10	11.1278	30	0	0	0	0	20.3922	11.58	1.16817	53.8911	90.4816	0	0	0
8694	10	10.0071	30	0	0	0	0	20.3639	11.58	1.24967	54.4593	90.5361	0	0	0
8695	10	9.26	30	0	0	0	0	20.3451	11.58	1.304	54.8381	90.5725	0	0	0
8696	10	13.7429	30	0	0	0	0	20.4582	11.58	0.978	52.5652	90.3545	0	0	0
8697	10	13.0429	30	0	0	0	0	20.6563	10.94	1.256	56.8759	90.8406	0	0	0
8698	10	11.4492	30	0	0	0	0	22.3281	10.0956	1.256	56.4408	90.8132	0	0	0
8699	10	10.254	30	0	0	0	0	23.5821	9.46222	1.256	56.1146	90.7926	0	0	0
8700	10	11.4793	30	0	0	0	0	25.2988	11.58	1.24287	46.9819	90.409	0	0	0
8701	10	10.1755	30	0	0	0	0	25.2988	11.58	1.27004	46.9709	90.4816	0	0	0
8702	10	9.19762	30	0	0	0	0	25.2988	11.58	1.29042	46.9626	90.5361	0	0	0
8703	10	8.54571	30	0	0	0	0	25.2988	11.58	1.304	46.9571	90.5725	0	0	0
8704	10	12.4571	30	0	0	0	0	25.2988	11.58	1.2225	46.9901	90.3545	0	0	0
8705	10	11.6331	30	0	0	0	0	28.9061	13.39	1.33714	52.6699	89.3834	0	0	0
8706	10	12.83	30	0	0	0	0	18.265	11.7225	1.0595	55.7137	90.8515	0	0	0
8707	10	11.2433	30	0	0	0	0	19.1895	11.6592	1.16817	55.3246	90.7275	0	0	0
8708	10	10.0533	30	0	0	0	0	19.8828	11.6117	1.24967	55.0326	90.6345	0	0	0
8709	10	12.1936	30	0	0	0	0	20.4299	11.58	1.24287	53.1334	90.409	0	0	0
8710	10	10.8898	30	0	0	0	0	20.3922	11.58	1.27004	53.8911	90.4816	0	0	0
8711	10	9.91191	30	0	0	0	0	20.3639	11.58	1.29042	54.4593	90.5361	0	0	0
8712	10	13.1714	30	0	0	0	0	20.4582	11.58	1.2225	52.5652	90.3545	0	0	0
8713	10	12.0477	30	0	0	0	0	19.028	11.29	0.88	56.0191	87.5594	0	0	0
8714	10	8.21429	30	0	0	0	0	18.9634	11.29	0.924	56.2109	87.684	0	0	0
8718	10	11.9321	30	0	0	0	0	20.4299	11.58	1.24287	53.1334	90.409	0	0	0
8719	10	10.2798	30	0	0	0	0	20.3922	11.58	1.27004	53.8911	90.4816	0	0	0
8720	10	9.04048	30	0	0	0	0	20.3639	11.58	1.29042	54.4593	90.5361	0	0	0
8721	10	8.21429	30	0	0	0	0	20.3451	11.58	1.304	54.8381	90.5725	0	0	0
8722	10	14.6257	30	0	0	0	0	28.9546	13.39	0.96	51.8638	89.29	0	0	0
8723	10	12.3775	30	0	0	0	0	28.9061	13.39	1.2	52.6699	89.3834	0	0	0
8724	10	11.1114	30	0	0	0	0	29.3076	13.35	0.539	54.125	90.2713	0	0	0
8725	10	10.0057	30	0	0	0	0	29.2699	13.35	0.572	53.7603	89.7473	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8726	10	9.26857	30	0	0	0	0	29.2447	13.35	0.594	53.5171	89.3979	0	0	0
8727	10	12.5857	30	0	0	0	0	29.3579	13.35	0.495	54.6113	90.97	0	0	0
8728	10	10.7651	30	0	0	0	0	28.3553	13.4389	0.495	53.7347	89.5324	0	0	0
8729	10	9.2346	30	0	0	0	0	28.889	13.3856	0.495	53.6042	89.4517	0	0	0
8730	10	8.21429	30	0	0	0	0	29.2447	13.35	0.495	53.5171	89.3979	0	0	0
8731	10	12.8057	30	0	0	0	0	27.6438	13.51	0.495	53.9088	89.6399	0	0	0
8732	10	13.5457	30	0	0	0	0	24.0029	13.76	0.672	55.2251	90.3315	0	0	0
8733	10	11.2608	30	0	0	0	0	23.9544	13.76	0.589714	54.3447	89.5292	0	0	0
8734	10	8.21429	30	0	0	0	0	23.8898	13.76	0.48	53.1709	88.4595	0	0	0
8735	10	11.2336	30	0	0	0	0	28.3553	13.4389	0.495	53.7347	89.5324	0	0	0
8736	10	10.0546	30	0	0	0	0	28.889	13.3856	0.495	53.6042	89.4517	0	0	0
8737	10	9.26857	30	0	0	0	0	29.2447	13.35	0.495	53.5171	89.3979	0	0	0
8738	10	14.2143	30	0	0	0	0	24.0029	13.76	0.64	55.2251	90.3315	0	0	0
8739	10	11.9686	30	0	0	0	0	23.9544	13.76	0.605714	54.3447	89.5292	0	0	0
8740	10	9.5	30	0	0	0	0	23.8898	13.76	0.56	53.1709	88.4595	0	0	0
8741	10	14.0457	30	0	0	0	0	20.7549	13.76	0.64	55.6195	90.4628	0	0	0
8742	10	12.0094	30	0	0	0	0	20.7064	13.76	0.605714	54.7391	89.6604	0	0	0
8743	10	11.1114	30	0	0	0	0	29.3076	13.35	0.495	54.125	90.2713	0	0	0
8744	10	10.0057	30	0	0	0	0	29.2699	13.35	0.495	53.7603	89.7473	0	0	0
8748	10	10.0632	30	0	0	0	0	29.0905	13.37	0.595556	52.4739	89.3369	0	0	0
8749	10	9.62413	30	0	0	0	0	29.0528	13.37	0.622222	53.1688	89.4095	0	0	0
8750	10	9.33143	30	0	0	0	0	29.0276	13.37	0.64	53.6321	89.4579	0	0	0
8751	10	10.6486	30	0	0	0	0	29.1408	13.37	0.56	51.5472	89.24	0	0	0
8752	10	12.9114	30	0	0	0	0	19.5214	13.93	0.64	54.1841	88.0511	0	0	0
8753	10	9.07143	30	0	0	0	0	26.9117	13.86	0.72	50.7962	86.2781	0	0	0
8754	10	12.4014	30	0	0	0	0	18.265	11.7225	1.24287	55.7137	90.8515	0	0	0
8755	10	11.0052	30	0	0	0	0	19.1895	11.6592	1.27004	55.3246	90.7275	0	0	0
8756	10	9.95809	30	0	0	0	0	19.8828	11.6117	1.29042	55.0326	90.6345	0	0	0
8757	10	10.04	30	0	0	0	0	29.3076	13.35	0.64	54.125	90.2713	0	0	0
8758	10	9.57714	30	0	0	0	0	29.2699	13.35	0.64	53.7603	89.7473	0	0	0
8759	10	10.6571	30	0	0	0	0	29.3579	13.35	0.64	54.6113	90.97	0	0	0
8760	10	9.13429	20.2222	0	0	0	0	19.0851	7.50935	0.504936	52.0219	87.4752	0	0	0
8761	10	7.80229	17.8889	0	0	0	0	19.6074	6.27804	0.510176	49.9721	87.04	0	0	0
8762	10	6.91429	16.3333	0	0	0	0	19.9556	5.45717	0.513669	48.6056	86.7498	0	0	0
8763	10	10.1108	30	0	0	0	0	28.5795	13.42	0.595556	53.2881	89.4758	0	0	0
8764	10	9.64318	30	0	0	0	0	28.8484	13.39	0.622222	53.4945	89.4651	0	0	0
8765	10	10.7343	30	0	0	0	0	28.2209	13.46	0.56	53.0129	89.4899	0	0	0
8769	10	10.9527	30	0	0	0	0	29.3076	13.35	0.64	54.125	90.2713	0	0	0
8770	10	9.94225	30	0	0	0	0	29.2699	13.35	0.64	53.7603	89.7473	0	0	0
8771	10	12.3	30	0	0	0	0	29.3579	13.35	0.64	54.6113	90.97	0	0	0
8775	10	13.2086	30	0	0	0	0	22.0894	11.52	0.471	58.9051	82.2712	0	0	0
8776	10	10.3547	30	0	0	0	0	23.8835	11.28	0.695286	54.8312	82.5396	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8777	10	8.21429	30	0	0	0	0	25.229	11.1	0.8635	51.7757	82.7409	0	0	0
8787	10	13.4829	30	0	0	0	0	23.47	7.23	1.3855	54.43	91.0412	0	0	0
8788	10	12.0523	30	0	0	0	0	23.845	7.41	1.40995	53.332	90.7466	0	0	0
8789	10	10.1449	30	0	0	0	0	24.345	7.65	1.44255	51.868	90.3538	0	0	0
8790	10	8.71429	30	0	0	0	0	24.72	7.83	1.467	50.77	90.0592	0	0	0
8791	10	12.549	30	0	0	0	0	20.7958	11.17	0.946	54.4781	87.1994	0	0	0
8792	10	9.48286	30	0	0	0	0	20.7311	11.17	1.078	55.4746	87.324	0	0	0
8793	10	11.6429	30	0	0	0	0	29.9524	10.42	0.605714	46.9492	86.178	0	0	0
8794	10	8.21429	30	0	0	0	0	29.8877	10.42	0.56	48.1014	86.3025	0	0	0
8797	10	9.53873	30	0	0	0	0	22.711	7.11111	0.64	49.7135	84.1237	0	0	0
8798	10	9.46063	30	0	0	0	0	24.998	7.52444	0.64	49.8446	83.263	0	0	0
8799	10	9.40857	30	0	0	0	0	26.5226	7.8	0.64	49.9319	82.6892	0	0	0
8800	10	14.1257	30	0	0	0	0	28.9546	13.39	1.28	51.8638	89.29	0	0	0
8801	10	12.0918	30	0	0	0	0	28.9061	13.39	1.34857	52.6699	89.3834	0	0	0
8802	10	9.38	30	0	0	0	0	28.8415	13.39	1.44	53.7446	89.5079	0	0	0
8803	10	12.6539	30	0	0	0	0	19.028	11.29	0.913	56.0191	87.5594	0	0	0
8804	10	9.62857	30	0	0	0	0	18.9634	11.29	1.001	56.2109	87.684	0	0	0
8805	10	14.9771	30	0	0	0	0	20.4579	11.2	0.924	54.2091	87.186	0	0	0
8806	10	12.6469	30	0	0	0	0	20.4095	11.2	0.957	54.8215	87.2794	0	0	0
8807	10	9.13429	30	0	0	0	0	19.0851	7.50935	0.595556	52.0219	87.4752	0	0	0
8808	10	7.80229	30	0	0	0	0	19.6074	6.27804	0.622222	49.9721	87.04	0	0	0
8809	10	6.91429	30	0	0	0	0	19.9556	5.45717	0.64	48.6056	86.7498	0	0	0
8810	10	14.3771	30	0	0	0	0	27.6438	13.51	1.04	53.9088	89.6399	0	0	0
8811	10	12.1878	30	0	0	0	0	28.3299	13.4414	1.21143	53.741	89.5363	0	0	0
8812	10	14.1571	30	0	0	0	0	29.3579	13.35	1.12	54.6113	90.97	0	0	0
8813	10	12.062	30	0	0	0	0	29.3094	13.35	1.29143	54.1424	90.2963	0	0	0
8814	10	9.26857	30	0	0	0	0	29.2447	13.35	1.52	53.5171	89.3979	0	0	0
8815	10	14.5143	30	0	0	0	0	26.8986	8.21	1.12	50.8796	89.3212	0	0	0
8816	10	11.8657	30	0	0	0	0	26.8501	8.21	1.29143	51.6559	89.4146	0	0	0
8817	10	8.33429	30	0	0	0	0	26.7854	8.21	1.52	52.691	89.5392	0	0	0
8820	10	9.375	30	0	0	0	0	20.9191	10.53	0.872667	53.7928	92.1911	0	0	0
8821	10	8.35714	30	0	0	0	0	21.5568	10.92	0.886	52.4879	92.1331	0	0	0
8822	10	13.4697	30	0	0	0	0	19.6113	13.0225	0.54	57.7561	92.4775	0	0	0
8823	10	10.6873	30	0	0	0	0	19.7741	11.5024	0.54	54.7755	92.407	0	0	0
8824	10	6.97735	30	0	0	0	0	19.9912	9.47559	0.54	50.8014	92.3132	0	0	0
8825	10	14.2214	30	0	0	0	0	28.3974	13.35	0.6445	55.7195	91.998	0	0	0
8826	10	12.1913	30	0	0	0	0	28.3392	13.35	0.648786	55.4483	91.3429	0	0	0
8827	10	9.48429	30	0	0	0	0	28.2617	13.35	0.6545	55.0866	90.4695	0	0	0
8829	10	13.3714	30	0	0	0	0	17.258	10.3486	0.5825	57.6065	88.6545	0	0	0
8830	10	11.6449	30	0	0	0	0	19.6365	10.3382	0.603929	55.2614	87.6379	0	0	0
8831	10	11.6449	30	0	0	0	0	19.4865	10.2311	0.603929	55.162	87.7785	0	0	0
8832	10	9.34286	30	0	0	0	0	22.608	10.1814	0.6325	52.002	86.4699	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8834	10	9.34286	30	0	0	0	0	22.018	10.615	0.6325	52.4413	86.4585	0	0	0
8835	10	9.34286	30	0	0	0	0	21.7109	10.4771	0.6325	53.1264	86.6878	0	0	0
8836	10	9.34286	30	0	0	0	0	22.2837	10.1807	0.6325	51.729	86.6366	0	0	0
8839	10	13.373	30	0	0	0	0	15.9001	10.3535	0.5825	57.371	89.3711	0	0	0
8840	10	12.5864	30	0	0	0	0	20.0899	12.5385	0.54	56.1617	92.6343	0	0	0
8843	10	10.2021	30	0	0	0	0	20.2568	10.8694	0.54	54.0153	92.4846	0	0	0
8846	10	7.02349	30	0	0	0	0	20.8815	9.12417	0.54	50.827	92.2312	0	0	0
8848	10	7.02469	30	0	0	0	0	21.398	9.0487	0.54	50.3186	91.7348	0	0	0
8849	10	7.02549	30	0	0	0	0	20.857	8.96222	0.54	51.0136	92.2949	0	0	0
8850	10	10.206	30	0	0	0	0	21.2832	10.9594	0.54	53.5192	92.0674	0	0	0
8851	10	12.5911	30	0	0	0	0	21.282	12.5811	0.54	56.0314	92.0674	0	0	0
8852	10	14.4122	30	0	0	0	0	23.2427	10.1043	0.5705	52.169	86.9333	0	0	0
8853	10	11.9877	30	0	0	0	0	22.7596	9.48895	0.609071	54.8933	88.0761	0	0	0
8854	10	8.7551	30	0	0	0	0	21.8796	8.4	0.6605	59.3429	90.0175	0	0	0
8855	10	12.6471	30	0	0	0	0	26.9807	13.51	0.6445	54.2427	90.688	0	0	0
8856	10	9.62429	30	0	0	0	0	26.8449	13.51	0.6545	54.7942	90.9495	0	0	0
8857	10	14.6914	30	0	0	0	0	35.62	0.92	0.6445	50.33	93.8415	0	0	0
8858	10	12.4029	30	0	0	0	0	38.68	1.28	0.6545	46.63	90.8231	0	0	0
8859	10	15.5486	30	0	0	0	0	29.8113	0.92	0.6445	57.0202	93.8415	0	0	0
8860	10	13.26	30	0	0	0	0	32.7355	1.28	0.6545	56.0871	90.8231	0	0	0
8870	10	13.98	30	0	0	0	0	25.6285	13.76	0.5825	50.0152	91.4833	0	0	0
8871	10	11.6915	30	0	0	0	0	25.6285	13.76	0.603929	48.1466	90.6997	0	0	0
8872	10	8.64	30	0	0	0	0	25.6285	13.76	0.6325	45.6552	89.6549	0	0	0
8882	10	11.0208	30	0	0	0	0	28.3371	13.35	0.648944	55.4383	91.3186	0	0	0
8883	10	10.0989	30	0	0	0	0	28.2918	13.35	0.652278	55.2273	90.8092	0	0	0
8884	10	12.25	30	0	0	0	0	28.3974	13.35	0.6445	55.7195	91.998	0	0	0
8885	10	12.3729	30	0	0	0	0	25.7382	12.51	0.5915	44.8942	86.9871	0	0	0
8886	10	10.2308	30	0	0	0	0	25.7382	12.51	0.6315	44.8796	87.1366	0	0	0
8887	10	8.62429	30	0	0	0	0	25.7382	12.51	0.6615	44.8685	87.2487	0	0	0
8888	10	13.23	30	0	0	0	0	19.9296	12.51	0.5915	51.5845	86.9871	0	0	0
8889	10	10.4455	30	0	0	0	0	19.852	12.51	0.6315	53.1508	87.1366	0	0	0
8890	10	8.35714	30	0	0	0	0	19.7938	12.51	0.6615	54.3257	87.2487	0	0	0
8891	10	13.2186	30	0	0	0	0	21.1213	11.52	0.5915	60.0202	83.3015	0	0	0
8892	10	10.4406	30	0	0	0	0	22.9096	11.28	0.6315	56.2035	83.5926	0	0	0
8893	10	8.35714	30	0	0	0	0	24.2508	11.1	0.6615	53.3409	83.811	0	0	0
8900	10	13.3043	30	0	0	0	0	21.1213	11.52	0.5915	60.0202	83.3015	0	0	0
8901	10	11.0618	30	0	0	0	0	22.9096	11.28	0.6315	56.2035	83.5926	0	0	0
8902	10	9.38	30	0	0	0	0	24.2508	11.1	0.6615	53.3409	83.811	0	0	0
8903	10	12.5229	30	0	0	0	0	25.6285	13.76	0.5825	50.0152	91.4833	0	0	0
8904	10	10.3041	30	0	0	0	0	25.6285	13.76	0.611071	47.5238	90.4385	0	0	0
8905	10	13.1243	30	0	0	0	0	22.4772	7.93	0.5825	54.4662	86.9836	0	0	0
8906	10	9.94302	30	0	0	0	0	25.3964	7.09571	0.611071	51.4798	87.2487	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8907	10	7.55714	30	0	0	0	0	27.5858	6.47	0.6325	49.2401	87.4475	0	0	0
8908	10	13.38	30	0	0	0	0	19.8198	13.76	0.5825	56.7054	91.4833	0	0	0
8909	10	11.1612	30	0	0	0	0	19.7423	13.76	0.611071	55.7951	90.4385	0	0	0
8910	10	9.49714	30	0	0	0	0	19.6841	13.76	0.6325	55.1123	89.6549	0	0	0
8911	10	13.3814	30	0	0	0	0	22.4772	7.93	0.5825	54.4662	86.9836	0	0	0
8912	10	10.0533	30	0	0	0	0	25.3964	7.09571	0.611071	51.4798	87.2487	0	0	0
8913	10	11.0879	30	0	0	0	0	19.852	12.51	0.6315	53.1508	87.1366	0	0	0
8914	10	9.48143	30	0	0	0	0	19.7938	12.51	0.6615	54.3257	87.2487	0	0	0
8915	10	9.99205	30	0	0	0	0	25.3964	7.09571	0.611071	51.4798	87.2487	0	0	0
8916	10	7.64286	30	0	0	0	0	27.5858	6.47	0.6325	49.2401	87.4475	0	0	0
8917	10	14.69	30	0	0	0	0	20.5647	11.12	0.5705	59.9492	91.2212	0	0	0
8918	10	12.478	30	0	0	0	0	20.5065	11.12	0.609071	58.5722	89.9447	0	0	0
8919	10	9.52857	30	0	0	0	0	20.4289	11.12	0.6605	56.7362	88.2428	0	0	0
8920	10	12.5416	30	0	0	0	0	20.524	11.12	0.5975	58.9853	90.3277	0	0	0
8921	10	10.8199	30	0	0	0	0	20.4696	11.12	0.6335	57.7001	89.1363	0	0	0
8922	10	13.8329	30	0	0	0	0	20.5647	11.12	0.5705	59.9492	91.2212	0	0	0
8923	10	12.1211	30	0	0	0	0	19.8608	11.18	0.5975	55.2282	88.2296	0	0	0
8924	10	9.51314	30	0	0	0	0	19.8065	11.18	0.6335	56.0302	88.3343	0	0	0
8925	10	7.55714	30	0	0	0	0	19.7658	11.18	0.6605	56.6317	88.4128	0	0	0
8926	10	14.0771	30	0	0	0	0	19.9015	11.18	0.5705	54.6267	88.1512	0	0	0
8927	10	12.7344	30	0	0	0	0	19.8608	11.18	0.5975	55.2282	88.2296	0	0	0
8928	10	10.9441	30	0	0	0	0	19.8065	11.18	0.6335	56.0302	88.3343	0	0	0
8929	10	9.60143	30	0	0	0	0	19.7658	11.18	0.6605	56.6317	88.4128	0	0	0
8930	10	14.0957	30	0	0	0	0	19.6455	11.2	0.5705	54.885	88.2112	0	0	0
8931	10	12.1775	30	0	0	0	0	19.5874	11.2	0.609071	55.6198	88.3233	0	0	0
8932	10	9.62	30	0	0	0	0	19.5097	11.2	0.6605	56.5996	88.4728	0	0	0
8934	10	13.5757	30	0	0	0	0	20.5647	11.12	0.5705	59.9492	91.2212	0	0	0
8935	10	10.5937	30	0	0	0	0	20.4871	11.12	0.621929	58.1132	89.5193	0	0	0
8936	10	8.35714	30	0	0	0	0	20.4289	11.12	0.6605	56.7362	88.2428	0	0	0
8937	10	11.2631	30	0	0	0	0	20.4871	11.12	0.621929	58.1132	89.5193	0	0	0
8938	10	9.65266	30	0	0	0	0	25.6285	13.76	0.611071	47.5238	90.4385	0	0	0
8939	10	7.5	30	0	0	0	0	25.6285	13.76	0.6325	45.6552	89.6549	0	0	0
8940	10	14.9114	30	0	0	0	0	18.4238	11.29	0.5705	56.0224	88.4912	0	0	0
8941	10	12.6626	30	0	0	0	0	18.3656	11.29	0.609071	56.195	88.6033	0	0	0
8942	10	9.66429	30	0	0	0	0	18.288	11.29	0.6605	56.425	88.7528	0	0	0
8943	10	12.9616	30	0	0	0	0	20.524	11.12	0.5975	58.9853	90.3277	0	0	0
8944	10	10.9999	30	0	0	0	0	20.4696	11.12	0.6335	57.7001	89.1363	0	0	0
8945	10	14.4329	30	0	0	0	0	20.5647	11.12	0.5705	59.9492	91.2212	0	0	0
8946	10	14.9243	30	0	0	0	0	19.9831	11.17	0.5705	54.5588	88.1312	0	0	0
8947	10	12.6388	30	0	0	0	0	19.9249	11.17	0.609071	55.4557	88.2433	0	0	0
8948	10	9.59143	30	0	0	0	0	19.8474	11.17	0.6605	56.6515	88.3928	0	0	0
8949	10	12.4041	30	0	0	0	0	19.8614	8.616	0.5975	53.2062	89.24	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8950	10	9.63443	30	0	0	0	0	22.7681	8.184	0.6335	49.2941	88.5845	0	0	0
8951	10	7.55714	30	0	0	0	0	24.9481	7.86	0.6605	46.3601	88.0931	0	0	0
8952	10	14.4814	30	0	0	0	0	17.6813	8.94	0.5705	56.1402	89.7315	0	0	0
8953	10	13.7129	30	0	0	0	0	21.2179	10.43	0.5705	53.6227	88.4874	0	0	0
8954	10	11.9496	30	0	0	0	0	22.4632	9.46755	0.609071	51.7695	86.8615	0	0	0
8955	10	9.59992	30	0	0	0	0	23.7038	7.20722	0.6605	50.7281	84.4409	0	0	0
8956	10	13.3143	30	0	0	0	0	19.9593	12.51	0.5915	57.1466	88.5571	0	0	0
8957	10	11.1233	30	0	0	0	0	19.8817	12.51	0.6315	55.5335	87.8037	0	0	0
8958	10	9.48	30	0	0	0	0	19.8235	12.51	0.6615	54.3237	87.2387	0	0	0
8959	10	14.4386	30	0	0	0	0	19.6455	11.2	0.5705	54.885	88.2112	0	0	0
8960	10	11.5751	30	0	0	0	0	19.5874	11.2	0.609071	55.6198	88.3233	0	0	0
8961	10	7.75714	30	0	0	0	0	19.5097	11.2	0.6605	56.5996	88.4728	0	0	0
8962	10	11.4086	30	0	0	0	0	24.5041	10.28	0.511636	49.4115	81.732	0	0	0
8963	10	13.49	30	0	0	0	0	20.5647	11.12	0.5705	59.9492	91.2212	0	0	0
8964	10	11.2263	30	0	0	0	0	20.4871	11.12	0.621929	58.1132	89.5193	0	0	0
8965	10	12.4571	30	0	0	0	0	25.768	12.51	0.5915	50.4565	88.5571	0	0	0
8966	10	10.2661	30	0	0	0	0	25.768	12.51	0.6315	47.2622	87.8037	0	0	0
8967	10	8.62286	30	0	0	0	0	25.768	12.51	0.6615	44.8665	87.2387	0	0	0
8968	10	10.6386	30	0	0	0	0	20.4871	11.12	0.621929	58.1132	89.5193	0	0	0
8969	10	8.5	30	0	0	0	0	20.4289	11.12	0.6605	56.7362	88.2428	0	0	0
8970	10	14.73	30	0	0	0	0	18.9472	11.25	0.5705	55.5504	88.3812	0	0	0
8971	10	12.5547	30	0	0	0	0	18.889	11.25	0.609071	55.9566	88.4933	0	0	0
8972	10	9.65429	30	0	0	0	0	18.8115	11.25	0.6605	56.4981	88.6428	0	0	0
8973	10	13.3486	30	0	0	0	0	18.0724	12.66	0.5915	53.3267	87.417	0	0	0
8974	10	10.0392	30	0	0	0	0	19.0561	12.5743	0.6315	53.8976	87.3208	0	0	0
8975	10	7.55714	30	0	0	0	0	19.7938	12.51	0.6615	54.3257	87.2487	0	0	0
8976	10	14.2371	30	0	0	0	0	19.8198	13.76	0.5825	56.7054	91.4833	0	0	0
8977	10	12.2058	30	0	0	0	0	19.7617	13.76	0.603929	56.0227	90.6997	0	0	0
8978	10	13.2086	30	0	0	0	0	19.8198	13.76	0.5825	56.7054	91.4833	0	0	0
8979	10	13.3486	30	0	0	0	0	19.6566	12.54	0.5915	51.8597	87.0471	0	0	0
8980	10	11.1576	30	0	0	0	0	19.5789	12.54	0.6315	53.2455	87.1966	0	0	0
8981	10	9.51429	30	0	0	0	0	19.5207	12.54	0.6615	54.2847	87.3087	0	0	0
8982	10	14.3571	30	0	0	0	0	29.127	10.42	0.5825	47.0321	87.1055	0	0	0
8983	10	11.7857	30	0	0	0	0	29.0688	10.42	0.603929	48.0691	87.2176	0	0	0
8984	10	8.35714	30	0	0	0	0	28.9913	10.42	0.6325	49.4517	87.367	0	0	0
8985	10	13.38	30	0	0	0	0	25.6285	13.76	0.5825	50.0152	91.4833	0	0	0
8986	10	11.3486	30	0	0	0	0	25.6285	13.76	0.603929	48.1466	90.6997	0	0	0
8987	10	11.4086	30	0	0	0	0	30.2363	8.90857	0.707564	43.9742	79.9195	0	0	0
8988	10	12.8086	30	0	0	0	0	19.495	11.57	0.826	60.1227	93.0288	0	0	0
8989	10	11.3285	30	0	0	0	0	19.4496	11.57	0.852667	58.465	92.4094	0	0	0
8990	10	10.2185	30	0	0	0	0	19.4157	11.57	0.872667	57.2217	91.9447	0	0	0
8991	10	9.47857	30	0	0	0	0	19.3931	11.57	0.886	56.3929	91.635	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8992	10	13.9186	30	0	0	0	0	19.5289	11.57	0.806	61.3659	93.4934	0	0	0
8993	10	13.3457	30	0	0	0	0	25.2288	13.79	0.5825	46.0554	89.4933	0	0	0
8994	10	11.3516	30	0	0	0	0	25.2288	13.79	0.603929	45.8623	89.6055	0	0	0
8995	10	8.69286	30	0	0	0	0	25.2288	13.79	0.6325	45.6047	89.7549	0	0	0
8996	10	13.4029	30	0	0	0	0	17.7128	11.71	0.5915	59.184	90.9196	0	0	0
8997	10	10.5196	30	0	0	0	0	20.927	12.2871	0.6315	54.4718	88.0207	0	0	0
8998	10	8.35714	30	0	0	0	0	23.3377	12.72	0.6615	50.9377	85.8465	0	0	0
9001	10	14.2029	30	0	0	0	0	19.4201	13.79	0.5825	52.7456	89.4933	0	0	0
9002	10	12.2088	30	0	0	0	0	19.3619	13.79	0.603929	53.7383	89.6055	0	0	0
9003	10	9.55	30	0	0	0	0	19.2844	13.79	0.6325	55.0618	89.7549	0	0	0
9004	10	10.0392	30	0	0	0	0	19.5789	12.54	0.6315	53.2455	87.1966	0	0	0
9005	10	7.55714	30	0	0	0	0	19.5207	12.54	0.6615	54.2847	87.3087	0	0	0
9006	10	12.8914	30	0	0	0	0	23.47	7.23	0.806	54.43	92.0715	0	0	0
9007	10	11.6361	30	0	0	0	0	23.845	7.41	0.83	53.332	91.79	0	0	0
9008	10	9.96243	30	0	0	0	0	24.345	7.65	0.862	51.868	91.4145	0	0	0
9009	10	8.70714	30	0	0	0	0	24.72	7.83	0.886	50.77	91.1331	0	0	0
9010	10	14.6657	30	0	0	0	0	19.8198	13.76	0.5825	56.7054	91.4833	0	0	0
9011	10	12.4506	30	0	0	0	0	19.7617	13.76	0.603929	56.0227	90.6997	0	0	0
9012	10	13.4071	30	0	0	0	0	25.2902	11.58	0.806	46.984	91.3834	0	0	0
9013	10	11.9723	30	0	0	0	0	25.2902	11.58	0.83	46.9676	91.4619	0	0	0
9014	10	10.0591	30	0	0	0	0	25.2902	11.58	0.862	46.9459	91.5665	0	0	0
9015	10	8.62429	30	0	0	0	0	25.2902	11.58	0.886	46.9295	91.645	0	0	0
9016	10	15.0257	30	0	0	0	0	21.1247	9.02	0.5705	57.1783	89.3515	0	0	0
9017	10	12.7427	30	0	0	0	0	22.1085	8.87429	0.609071	55.7621	88.855	0	0	0
9018	10	9.69857	30	0	0	0	0	23.4203	8.68	0.6605	53.8739	88.1931	0	0	0
9019	10	13.4	30	0	0	0	0	19.9593	12.51	0.5915	57.1466	88.5571	0	0	0
9020	10	11.16	30	0	0	0	0	19.8817	12.51	0.6315	55.5335	87.8037	0	0	0
9021	10	13.1414	30	0	0	0	0	18.6217	13.93	0.5825	55.2389	89.0613	0	0	0
9022	10	8.35714	30	0	0	0	0	26.1061	13.86	0.6325	52.2095	87.2977	0	0	0
9025	10	9.49714	30	0	0	0	0	30.2363	8.90857	0.707564	43.3513	79.6209	0	0	0
9026	10	13.4886	30	0	0	0	0	17.7128	11.71	0.5915	59.184	90.9196	0	0	0
9027	10	10.5563	30	0	0	0	0	20.927	12.2871	0.6315	54.4718	88.0207	0	0	0
9028	10	12.4286	30	0	0	0	0	22.7596	9.48895	0.609071	54.8933	88.0761	0	0	0
9029	10	9.78367	30	0	0	0	0	21.8796	8.4	0.6605	59.3429	90.0175	0	0	0
9030	10	12.8266	30	0	0	0	0	19.4881	11.57	0.83	59.8741	92.9359	0	0	0
9031	10	10.9134	30	0	0	0	0	19.4339	11.57	0.862	57.8848	92.1925	0	0	0
9032	10	14.2614	30	0	0	0	0	19.5289	11.57	0.806	61.3659	93.4934	0	0	0
9033	10	12.3735	30	0	0	0	0	19.5874	11.2	0.609071	55.6198	88.3233	0	0	0
9034	10	15.0171	30	0	0	0	0	27.0465	13.51	0.6445	54.1625	90.6679	0	0	0
9035	10	12.6698	30	0	0	0	0	27.4328	13.4586	0.648786	54.5316	90.63	0	0	0
9036	10	9.54	30	0	0	0	0	27.9478	13.39	0.6545	55.0236	90.5795	0	0	0
9037	10	14.4486	30	0	0	0	0	28.0836	13.39	0.6445	52.7665	90.318	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
9038	10	12.3449	30	0	0	0	0	28.0254	13.39	0.648786	53.7338	90.43	0	0	0
9039	10	12.1628	30	0	0	0	0	27.4328	13.4586	0.648786	54.5316	90.63	0	0	0
9040	10	8.35714	30	0	0	0	0	27.9478	13.39	0.6545	55.0236	90.5795	0	0	0
9041	10	14.6286	30	0	0	0	0	17.5589	11.73	0.806	55.479	91.8334	0	0	0
9042	10	13.0844	30	0	0	0	0	18.0949	11.685	0.83	55.7513	91.7769	0	0	0
9043	10	11.0256	30	0	0	0	0	18.8097	11.625	0.862	56.1144	91.7015	0	0	0
9044	10	9.48143	30	0	0	0	0	19.3457	11.58	0.886	56.3866	91.645	0	0	0
9045	10	13.1357	30	0	0	0	0	19.9975	10.94	0.5915	57.067	91.8708	0	0	0
9046	10	11.5548	30	0	0	0	0	21.5798	10.0956	0.622611	57.0321	91.8628	0	0	0
9047	10	10.369	30	0	0	0	0	22.7665	9.46222	0.645944	57.0059	91.8567	0	0	0
9048	10	9.57857	30	0	0	0	0	23.5576	9.04	0.6615	56.9885	91.8527	0	0	0
9049	10	13.2286	30	0	0	0	0	19.9593	12.51	0.5915	57.1466	88.5571	0	0	0
9050	10	11.5626	30	0	0	0	0	19.899	12.51	0.622611	55.892	87.9711	0	0	0
9051	10	10.313	30	0	0	0	0	19.8537	12.51	0.645944	54.9509	87.5317	0	0	0
9052	10	12.8111	30	0	0	0	0	19.4659	11.58	0.826	54.3421	91.4488	0	0	0
9053	10	11.3306	30	0	0	0	0	19.4207	11.58	0.852667	55.2513	91.536	0	0	0
9054	10	10.2202	30	0	0	0	0	19.3867	11.58	0.872667	55.9331	91.6014	0	0	0
9055	10	9.48	30	0	0	0	0	19.3641	11.58	0.886	56.3877	91.645	0	0	0
9056	10	13.9214	30	0	0	0	0	19.4999	11.58	0.806	53.6603	91.3834	0	0	0
9057	10	13.2214	30	0	0	0	0	19.9975	10.94	0.5915	57.067	91.8708	0	0	0
9058	10	11.6024	30	0	0	0	0	21.5798	10.0956	0.622611	57.0321	91.8628	0	0	0
9059	10	10.3881	30	0	0	0	0	22.7665	9.46222	0.645944	57.0059	91.8567	0	0	0
9060	10	11.4396	30	0	0	0	0	25.3085	11.58	0.826	46.9602	91.4488	0	0	0
9061	10	10.1877	30	0	0	0	0	25.3085	11.58	0.852667	46.947	91.536	0	0	0
9062	10	9.24881	30	0	0	0	0	25.3085	11.58	0.872667	46.9371	91.6014	0	0	0
9063	10	8.62286	30	0	0	0	0	25.3085	11.58	0.886	46.9306	91.645	0	0	0
9064	10	12.3786	30	0	0	0	0	25.3085	11.58	0.806	46.9701	91.3834	0	0	0
9065	10	11.838	30	0	0	0	0	28.0254	13.39	0.648786	53.7338	90.43	0	0	0
9066	10	12.915	30	0	0	0	0	17.5415	11.7225	0.826	56.1065	91.8913	0	0	0
9067	10	11.3883	30	0	0	0	0	18.3515	11.6592	0.852667	56.2315	91.7819	0	0	0
9068	10	10.2433	30	0	0	0	0	18.9591	11.6117	0.872667	56.3252	91.6998	0	0	0
9069	10	12.2968	30	0	0	0	0	19.4659	11.58	0.826	54.3421	91.4488	0	0	0
9070	10	11.0449	30	0	0	0	0	19.4207	11.58	0.852667	55.2513	91.536	0	0	0
9071	10	10.106	30	0	0	0	0	19.3867	11.58	0.872667	55.9331	91.6014	0	0	0
9072	10	13.2357	30	0	0	0	0	19.4999	11.58	0.806	53.6603	91.3834	0	0	0
9073	10	12.1024	30	0	0	0	0	18.3656	11.29	0.609071	56.195	88.6033	0	0	0
9074	10	8.35714	30	0	0	0	0	18.288	11.29	0.6605	56.425	88.7528	0	0	0
9078	10	12.0161	30	0	0	0	0	19.4659	11.58	0.826	54.3421	91.4488	0	0	0
9079	10	10.3899	30	0	0	0	0	19.4207	11.58	0.852667	55.2513	91.536	0	0	0
9080	10	9.17024	30	0	0	0	0	19.3867	11.58	0.872667	55.9331	91.6014	0	0	0
9081	10	8.35714	30	0	0	0	0	19.3641	11.58	0.886	56.3877	91.645	0	0	0
9082	10	14.9629	30	0	0	0	0	28.0836	13.39	0.6445	52.7665	90.318	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
9083	10	12.6388	30	0	0	0	0	28.0254	13.39	0.648786	53.7338	90.43	0	0	0
9084	10	11.2113	30	0	0	0	0	28.3371	13.35	0.648944	55.4383	91.3186	0	0	0
9085	10	10.175	30	0	0	0	0	28.2918	13.35	0.652278	55.2273	90.8092	0	0	0
9086	10	12.5929	30	0	0	0	0	28.3974	13.35	0.6445	55.7195	91.998	0	0	0
9087	10	10.7714	30	0	0	0	0	27.5866	13.4389	0.648944	54.5732	90.5797	0	0	0
9088	10	9.32286	30	0	0	0	0	27.9916	13.3856	0.652278	54.8812	90.5136	0	0	0
9089	10	8.35714	30	0	0	0	0	28.2617	13.35	0.6545	55.0866	90.4695	0	0	0
9090	10	12.7029	30	0	0	0	0	27.0465	13.51	0.6445	54.1625	90.6679	0	0	0
9091	10	13.7229	30	0	0	0	0	23.1575	13.76	0.5825	56.2321	91.3258	0	0	0
9092	10	11.4233	30	0	0	0	0	23.0993	13.76	0.603929	55.5493	90.5422	0	0	0
9093	10	8.35714	30	0	0	0	0	23.0217	13.76	0.6325	54.639	89.4974	0	0	0
9094	10	11.2724	30	0	0	0	0	27.5866	13.4389	0.648944	54.5732	90.5797	0	0	0
9095	10	10.1995	30	0	0	0	0	27.9916	13.3856	0.652278	54.8812	90.5136	0	0	0
9096	10	14.3571	30	0	0	0	0	23.1575	13.76	0.5825	56.2321	91.3258	0	0	0
9097	10	12.2058	30	0	0	0	0	23.0993	13.76	0.603929	55.5493	90.5422	0	0	0
9098	10	9.6	30	0	0	0	0	23.0217	13.76	0.6325	54.639	89.4974	0	0	0
9099	10	14.3229	30	0	0	0	0	19.8198	13.76	0.5825	56.7054	91.4833	0	0	0
9100	10	12.2547	30	0	0	0	0	19.7617	13.76	0.603929	56.0227	90.6997	0	0	0
9104	10	9.90937	30	0	0	0	0	28.1666	13.37	0.648944	53.6606	90.3842	0	0	0
9105	10	9.67317	30	0	0	0	0	28.1213	13.37	0.652278	54.4945	90.4714	0	0	0
9106	10	9.51571	30	0	0	0	0	28.0912	13.37	0.6545	55.0506	90.5295	0	0	0
9107	10	10.2243	30	0	0	0	0	28.2269	13.37	0.6445	52.5487	90.268	0	0	0
9108	10	13.0557	30	0	0	0	0	18.6217	13.93	0.5825	55.2389	89.0613	0	0	0
9109	10	9.38571	30	0	0	0	0	26.1061	13.86	0.6325	52.2095	87.2977	0	0	0
9110	10	12.4007	30	0	0	0	0	17.5415	11.7225	0.826	56.1065	91.8913	0	0	0
9111	10	11.1026	30	0	0	0	0	18.3515	11.6592	0.852667	56.2315	91.7819	0	0	0
9112	10	10.129	30	0	0	0	0	18.9591	11.6117	0.872667	56.3252	91.6998	0	0	0
9113	10	9.92555	30	0	0	0	0	28.3371	13.35	0.648944	55.4383	91.3186	0	0	0
9114	10	9.66079	30	0	0	0	0	28.2918	13.35	0.652278	55.2273	90.8092	0	0	0
9115	10	10.2786	30	0	0	0	0	28.3974	13.35	0.6445	55.7195	91.998	0	0	0
9116	10	9.36559	20.4444	0	0	0	0	19.2801	7.979	0.55	53.1134	87.4464	0	0	0
9117	10	7.92052	15.7778	0	0	0	0	19.4929	6.16076	0.55	51.3909	87.2288	0	0	0
9118	10	6.95714	12.6667	0	0	0	0	19.6348	4.94861	0.55	50.2427	87.0837	0	0	0
9119	10	9.93318	30	0	0	0	0	27.7656	13.42	0.648944	54.2177	90.5231	0	0	0
9120	10	9.6827	30	0	0	0	0	27.9609	13.39	0.652278	54.7174	90.527	0	0	0
9121	10	10.2671	30	0	0	0	0	27.5051	13.46	0.6445	53.5514	90.5179	0	0	0
9128	10	10.4773	30	0	0	0	0	22.9096	11.28	0.6315	56.2035	83.5926	0	0	0
9138	10	13.4914	30	0	0	0	0	23.47	7.23	0.806	54.43	92.0715	0	0	0
9139	10	12.0561	30	0	0	0	0	23.845	7.41	0.83	53.332	91.79	0	0	0
9140	10	10.1424	30	0	0	0	0	24.345	7.65	0.862	51.868	91.4145	0	0	0
9143	10	9.67492	30	0	0	0	0	21.9963	7.11111	0.648944	50.1914	85.1733	0	0	0
9144	10	9.60254	30	0	0	0	0	24.2121	7.52444	0.652278	50.6539	84.3271	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
9145	10	9.55429	30	0	0	0	0	25.6892	7.8	0.6545	50.9622	83.7631	0	0	0
9146	10	14.3629	30	0	0	0	0	28.0836	13.39	0.6445	52.7665	90.318	0	0	0
9147	10	12.2959	30	0	0	0	0	28.0254	13.39	0.648786	53.7338	90.43	0	0	0
9148	10	15.0386	30	0	0	0	0	19.6455	11.2	0.5705	54.885	88.2112	0	0	0
9149	10	12.7163	30	0	0	0	0	19.5874	11.2	0.609071	55.6198	88.3233	0	0	0
9150	10	9.36559	30	0	0	0	0	19.2801	7.979	0.55	53.1134	87.4464	0	0	0
9151	10	7.92052	30	0	0	0	0	19.4929	6.16076	0.55	51.3909	87.2288	0	0	0
9152	10	6.95714	30	0	0	0	0	19.6348	4.94861	0.55	50.2427	87.0837	0	0	0
9153	10	14.5886	30	0	0	0	0	27.0465	13.51	0.6445	54.1625	90.6679	0	0	0
9154	10	12.401	30	0	0	0	0	27.5673	13.4414	0.648786	54.5586	90.5829	0	0	0
9155	10	14.4786	30	0	0	0	0	28.3974	13.35	0.6445	55.7195	91.998	0	0	0
9156	10	12.3382	30	0	0	0	0	28.3392	13.35	0.648786	55.4483	91.3429	0	0	0
9157	10	14.6571	30	0	0	0	0	26.0283	8.21	0.6445	51.7556	90.3515	0	0	0
9158	10	11.9829	30	0	0	0	0	25.9701	8.21	0.648786	52.6871	90.4636	0	0	0
9159	10	8.41714	30	0	0	0	0	25.8925	8.21	0.6545	53.9292	90.6131	0	0	0
9160	10	14.7	28	0	0	0	0	35.62	0.92	0.6445	50.33	94.8717	0	0	0
9161	10	12.5	26.5003	0	0	0	0	38.68	1.28	0.6545	46.63	91.8969	0	0	0
9162	10	14.2	25.7066	0	0	0	0	25.6616	13.76	0.5825	49.9861	92.5039	0	0	0
9163	10	11.8429	24.366	0	0	0	0	25.6616	13.76	0.603929	48.1175	91.7389	0	0	0
9164	10	8.7	22.5787	0	0	0	0	25.6616	13.76	0.6325	45.6261	90.719	0	0	0
9165	10	12.4	25.13	0	0	0	0	25.7896	12.51	0.5915	44.8416	88.0033	0	0	0
9166	10	10.2857	23.8633	0	0	0	0	25.7896	12.51	0.6315	44.8245	88.1777	0	0	0
9167	10	8.7	22.9132	0	0	0	0	25.7896	12.51	0.6615	44.8116	88.3085	0	0	0
9168	10	12.5	25.7066	0	0	0	0	25.6616	13.76	0.5825	49.9861	92.5039	0	0	0
9169	10	10.3286	23.9192	0	0	0	0	25.6616	13.76	0.611071	47.4947	91.484	0	0	0
9170	10	9.64286	23.9192	0	0	0	0	25.6616	13.76	0.611071	47.4947	91.484	0	0	0
9171	10	7.5	22.5787	0	0	0	0	25.6616	13.76	0.6325	45.6261	90.719	0	0	0
9172	10	11.2	30	0	0	0	0	24.3498	9.7	0.511636	49.2818	81.1273	0	0	0
9173	10	12.5	25.13	0	0	0	0	25.816	12.51	0.5915	50.4142	89.5733	0	0	0
9174	10	10.3286	23.8633	0	0	0	0	25.816	12.51	0.6315	47.2199	88.8448	0	0	0
9175	10	8.7	22.9132	0	0	0	0	25.816	12.51	0.6615	44.8242	88.2985	0	0	0
9176	10	13.5	25.7066	0	0	0	0	25.6616	13.76	0.5825	49.9861	92.5039	0	0	0
9177	10	11.4429	24.366	0	0	0	0	25.6616	13.76	0.603929	48.1175	91.7389	0	0	0
9178	10	11.2	30	0	0	0	0	31.0374	8.1	0.707564	42.9382	79.0127	0	0	0
9179	10	13.4	25.7066	0	0	0	0	25.3203	13.79	0.5825	45.8446	90.5139	0	0	0
9180	10	11.3857	24.366	0	0	0	0	25.3203	13.79	0.603929	45.6193	90.6447	0	0	0
9181	10	8.7	22.5787	0	0	0	0	25.3203	13.79	0.6325	45.3188	90.819	0	0	0
9182	10	12.8	28	0	0	0	0	23.47	7.23	0.806	54.43	93.1017	0	0	0
9183	10	11.57	27.5501	0	0	0	0	23.845	7.41	0.83	53.332	92.8333	0	0	0
9184	10	9.93	26.9502	0	0	0	0	24.345	7.65	0.862	51.868	92.4753	0	0	0
9185	10	8.7	26.5003	0	0	0	0	24.72	7.83	0.886	50.77	92.2069	0	0	0
9186	10	13.5	28	0	0	0	0	25.3019	11.58	0.806	46.958	92.4123	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
9187	10	12.06	27.5501	0	0	0	0	25.3019	11.58	0.83	46.9389	92.5039	0	0	0
9188	10	10.14	26.9502	0	0	0	0	25.3019	11.58	0.862	46.9135	92.6259	0	0	0
9189	10	8.7	26.5003	0	0	0	0	25.3019	11.58	0.886	46.8944	92.7175	0	0	0
9190	10	9.7	30	0	0	0	0	31.0374	8.1	0.707564	42.9382	79.0127	0	0	0
9191	10	11.4	27.6251	0	0	0	0	25.3183	11.58	0.826	46.9386	92.4886	0	0	0
9192	10	10.2	27.1252	0	0	0	0	25.3183	11.58	0.852667	46.9232	92.5903	0	0	0
9193	10	9.3	26.7503	0	0	0	0	25.3183	11.58	0.872667	46.9116	92.6666	0	0	0
9194	10	8.7	26.5003	0	0	0	0	25.3183	11.58	0.886	46.904	92.7175	0	0	0
9195	10	12.3	28	0	0	0	0	25.3183	11.58	0.806	46.9501	92.4123	0	0	0
9196	10	13.5	28	0	0	0	0	23.47	7.23	0.806	54.43	93.1017	0	0	0
9197	10	12.06	27.5501	0	0	0	0	23.845	7.41	0.83	53.332	92.8333	0	0	0
9198	10	10.14	26.9502	0	0	0	0	24.345	7.65	0.862	51.868	92.4753	0	0	0
9201	10	13.5	7	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9202	10	11.5	21	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9203	10	13.5	21	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9204	10	13.5	43	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9205	10	9	61	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9206	10	10	61	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9207	10	13.5	61	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9208	10	9	92	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9209	10	13.5	92	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9210	10	9	129	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9211	10	15	129	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9212	10	10	172	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9213	10	11.5	172	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9214	10	15	172	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9215	10	10	258	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9216	10	11.5	258	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9217	10	13.5	258	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9218	10	15	258	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9219	10	9	402	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9220	10	10	402	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9221	10	11.5	402	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9222	10	13.5	402	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9223	10	15	402	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9224	10	9	575	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9225	10	10	575	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9226	10	11.5	575	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9227	10	13.5	575	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9228	10	15	575	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9229	10	15	862	0	0	0	0	26.4	11.9	1.64	50	83	0	0	0
9311	10	7	102.35	0	0	0	0	25.5599	8.4	1.265	53.981	85.7392	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
9312	10	7	68.13	0	0	0	0	26.6185	7.20722	1.275	48.2902	80.1455	0	0	0
9313	10	7	66.175	0	0	0	0	24.6398	8.4	1.3325	55.3215	86.8088	0	0	0
9314	10	7	49.065	0	0	0	0	25.8898	7.20722	1.2875	48.8997	81.2193	0	0	0
9315	10	7	30	0	0	0	0	23.7197	8.4	1.4	56.6619	87.8783	0	0	0
9316	10	7	30	0	0	0	0	25.1611	7.20722	1.3	49.5091	82.2932	0	0	0
9317	10	7	30	0	0	0	0	22.7996	8.4	1.078	58.0024	88.9479	0	0	0
9318	10	7	30	0	0	0	0	24.4324	7.20722	1.001	50.1186	83.367	0	0	0
9319	10	7	30	0	0	0	0	21.8796	8.4	0.6605	59.3429	90.0175	0	0	0
9320	10	7	30	0	0	0	0	23.7038	7.20722	0.6605	50.7281	84.4409	0	0	0
9361	10	12.5	194.945	0	0.4859	0	0	25.765	10.43	1.05	50.365	82.335	0	0	0
9362	10	12.5	230.495	0	1.15883	0	0	28.015	11.98	1.05	44.665	81.235	0	0	0
9363	10	12.5	87.195	0	0.4859	0	0	25.0072	10.43	1.2125	50.908	83.3604	0	0	0
9364	10	12.5	87.195	0	1.15883	0	0	27.0897	11.5613	1.23393	45.8491	82.1728	0	0	0
9365	10	12.5	68.13	0	1.15883	0	0	26.1644	11.1425	1.21786	47.0332	83.1105	0	0	0
9366	10	12.5	68.13	0	0.4859	0	0	24.2493	10.43	1.175	51.4509	84.3858	0	0	0
9367	10	12.5	194.945	0	0	0	0.4859	25.765	10.43	1.05	50.365	82.335	0	0	0
9368	10	12.5	230.495	0	0	0	0.4859	28.015	11.98	1.05	44.665	81.235	0	0	0
9369	10	12.5	48.6475	0	0	0	0.4859	29.0514	10.1043	0.992857	45.4788	80.7518	0	0	0
9370	10	12.5	48.6475	0	0	0	0.4859	29.0514	10.1793	0.992857	45.5217	80.7197	0	0	0
9371	10	12.5	138.007	0	0	0	0.4859	28.0833	10.1043	1.225	46.5938	81.782	0	0	0
9372	10	12.5	138.229	0	0	0	0.4859	28.0028	10.0642	1.21321	47.0836	81.9458	0	0	0
9373	10	12.5	87.195	0	0	0	0.4859	25.0072	10.43	1.2125	50.908	83.3604	0	0	0
9374	10	12.5	87.195	0	0	0	0.4859	27.0897	11.5613	1.23393	45.8491	82.1728	0	0	0
9375	10	12.5	87.195	0	0	0	0.4859	28.0833	10.1043	1.2625	46.5938	81.782	0	0	0
9376	10	12.5	87.195	0	0	0	0.4859	28.0028	10.0642	1.27321	47.0836	81.9458	0	0	0
9377	10	12.5	102.153	0	0	0	0.4859	26.9541	9.94918	1.25643	48.6456	83.1718	0	0	0
9378	10	12.5	102.005	0	0	0	0.4859	27.1152	10.1043	1.25	47.7089	82.8123	0	0	0
9379	10	12.5	68.13	0	0	0	0.4859	26.1644	11.1425	1.21786	47.0332	83.1105	0	0	0
9380	10	12.5	68.13	0	0	0	0.4859	24.2493	10.43	1.175	51.4509	84.3858	0	0	0
9381	10	12.5	68.13	0	0	0	0.4859	26.9541	9.94918	1.29643	48.6456	83.1718	0	0	0
9382	10	12.5	68.13	0	0	0	0.4859	27.1152	10.1043	1.275	47.7089	82.8123	0	0	0
9383	10	12.5	48.6475	0	0	0	0	29.0514	10.1043	0.992857	45.4788	80.7518	0	0	0
9384	10	12.5	48.6475	0	0	0	0	29.0514	10.1793	0.992857	45.5217	80.7197	0	0	0
9385	10	12.5	138.007	0	0	0	0	28.0833	10.1043	1.225	46.5938	81.782	0	0	0
9386	10	12.5	138.229	0	0	0	0	28.0028	10.0642	1.21321	47.0836	81.9458	0	0	0
9387	10	12.5	87.195	0	0	0	0	28.0833	10.1043	1.2625	46.5938	81.782	0	0	0
9388	10	12.5	87.195	0	0	0	0	28.0028	10.0642	1.27321	47.0836	81.9458	0	0	0
9389	10	12.5	102.153	0	0	0	0	26.9541	9.94918	1.25643	48.6456	83.1718	0	0	0
9390	10	12.5	102.005	0	0	0	0	27.1152	10.1043	1.25	47.7089	82.8123	0	0	0
9391	10	12.5	68.13	0	0	0	0	26.9541	9.94918	1.29643	48.6456	83.1718	0	0	0
9392	10	12.5	68.13	0	0	0	0	27.1152	10.1043	1.275	47.7089	82.8123	0	0	0
9393	10	12.5	102.005	0	0	0	0	27.1152	10.1043	1.25	47.7089	82.8123	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
9394	10	12.5	102.153	0	0	0	0	26.9541	9.94918	1.25643	48.6456	83.1718	0	0	0
9395	10	12.5	68.13	0	0	0	0	24.2493	10.43	1.175	51.4509	84.3858	0	0	0
9396	10	12.5	68.13	0	0	0	0	26.1644	11.1425	1.21786	47.0332	83.1105	0	0	0
9397	10	12.5	68.13	0	0	0	0	27.1152	10.1043	1.275	47.7089	82.8123	0	0	0
9398	10	12.5	68.13	0	0	0	0	26.9541	9.94918	1.29643	48.6456	83.1718	0	0	0
9399	10	12.5	66.0025	0	0	0	0	26.1471	10.1043	1.275	48.8239	83.8425	0	0	0
9400	10	12.5	66.0764	0	0	0	0	25.9055	9.83412	1.29964	50.2075	84.3979	0	0	0
9401	10	12.5	49.065	0	0	0	0	23.4915	10.43	1.1375	51.9939	85.4112	0	0	0
9402	10	12.5	49.065	0	0	0	0	25.2391	10.7238	1.20179	48.2173	84.0483	0	0	0
9403	10	12.5	49.065	0	0	0	0	26.1471	10.1043	1.2875	48.8239	83.8425	0	0	0
9404	10	12.5	49.065	0	0	0	0	25.9055	9.83412	1.31964	50.2075	84.3979	0	0	0
9405	10	12.5	30	0	0	0	0	25.1789	10.1043	1.3	49.9389	84.8728	0	0	0
9406	10	12.5	30	0	0	0	0	24.8569	9.71907	1.34286	51.7694	85.624	0	0	0
9407	10	12.5	30	0	0	0	0	22.7336	10.43	1.1	52.5368	86.4366	0	0	0
9408	10	12.5	30	0	0	0	0	24.3138	10.305	1.18571	49.4013	84.986	0	0	0
9409	10	12.5	30	0	0	0	0	24.8569	9.71907	1.34286	51.7694	85.624	0	0	0
9410	10	12.5	30	0	0	0	0	24.2108	10.1043	1.001	51.0539	85.903	0	0	0
9411	10	12.5	30	0	0	0	0	23.8083	9.60401	1.034	53.3313	86.8501	0	0	0
9412	10	12.5	30	0	0	0	0	21.9758	10.43	0.847	53.0798	87.462	0	0	0
9413	10	12.5	30	0	0	0	0	23.3885	9.88629	0.913	50.5854	85.9238	0	0	0
9414	10	12.5	30	0	0	0	0	23.8083	9.60401	1.034	53.3313	86.8501	0	0	0
9415	10	12.5	30	0	0	0	0	23.2427	10.1043	0.5705	52.169	86.9333	0	0	0
9416	10	12.5	30	0	0	0	0	22.7596	9.48895	0.609071	54.8933	88.0761	0	0	0
9417	10	12.5	30	0	0	0	0	21.2179	10.43	0.5705	53.6227	88.4874	0	0	0
9418	10	12.5	30	0	0	0	0	22.4632	9.46755	0.609071	51.7695	86.8615	0	0	0
9419	10	12.5	30	0	0	0	0	22.7596	9.48895	0.609071	54.8933	88.0761	0	0	0
8243	11	13.0607	30	0	0	0	0	20.2837	11.9026	0.700005	57.4865	90.6935	0	0	0
8244	11	10.4494	30	0	0	0	0	20.4884	11.2549	0.699997	54.1237	90.5025	0	0	0
8245	11	6.96776	30	0	0	0	0	20.7613	10.3913	0.699987	49.64	90.2478	0	0	0
8273	11	13.4465	30	0	0	0	0	19.5209	12.1769	0.700005	56.985	90.1107	0	0	0
8274	11	10.646	30	0	0	0	0	20.1186	11.397	0.699997	53.9768	89.8627	0	0	0
8332	11	13.4465	30	0	0	0	0	20.2151	11.9283	0.700005	57.9707	90.9421	0	0	0
8333	11	10.6735	30	0	0	0	0	20.609	11.4056	0.699997	54.4592	90.5472	0	0	0
8334	11	6.97633	30	0	0	0	0	21.1341	10.7085	0.699987	49.7771	90.0207	0	0	0
8362	11	13.2322	30	0	0	0	0	19.7351	12.2883	0.700005	57.6707	91.0278	0	0	0
8363	11	10.5493	30	0	0	0	0	20.5184	11.3725	0.699997	54.747	90.6734	0	0	0
8364	11	6.97205	30	0	0	0	0	21.5627	10.1513	0.699987	50.8486	90.2007	0	0	0
8383	11	13.4465	30	0	0	0	0	19.8423	11.8212	0.700005	56.985	90.4064	0	0	0
8384	11	10.6735	30	0	0	0	0	20.8129	11.2176	0.699997	54.3918	90.0115	0	0	0
8385	11	6.97633	30	0	0	0	0	22.107	10.4128	0.699987	50.9343	89.485	0	0	0
8389	11	13.0607	30	0	0	0	0	19.9794	11.8726	0.700005	58.1207	91.3707	0	0	0
8390	11	10.4293	30	0	0	0	0	20.6065	11.0542	0.699997	54.6368	90.9023	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8391	11	6.92062	30	0	0	0	0	21.4427	9.96278	0.699987	49.9914	90.2778	0	0	0
8395	11	13.4465	30	0	0	0	0	19.9623	11.9841	0.700005	57.9279	90.835	0	0	0
8396	11	10.6827	30	0	0	0	0	20.6831	11.4576	0.699997	55.1327	90.5687	0	0	0
8397	11	6.99776	30	0	0	0	0	21.6441	10.7556	0.699987	51.4057	90.2135	0	0	0
8398	11	13.4465	30	0	0	0	0	19.4994	12.5755	0.700005	57.3707	90.3635	0	0	0
8399	11	10.646	30	0	0	0	0	20.0311	11.2592	0.699997	54.2358	90.1982	0	0	0
8400	11	6.91205	30	0	0	0	0	20.7398	9.50421	0.699987	50.0557	89.9778	0	0	0
8401	11	13.4465	30	0	0	0	0	20.2923	11.0841	0.700005	58.2707	91.4778	0	0	0
8402	11	10.657	30	0	0	0	0	20.7431	10.7027	0.699997	55.0806	91.138	0	0	0
8403	11	6.93776	30	0	0	0	0	21.3441	10.1942	0.699987	50.8271	90.685	0	0	0
8412	11	13.4465	30	0	0	0	0	20.3394	12.6012	0.700005	57.6493	89.485	0	0	0
8413	11	10.6019	30	0	0	0	0	20.8729	11.4172	0.699997	53.6327	89.0993	0	0	0
8435	11	6.86899	30	0	0	0	0	21.0176	9.60061	0.675004	49.2214	90.3562	0	0	0
8436	11	6.93756	30	0	0	0	0	20.5719	9.94633	0.675004	50.3471	90.9876	0	0	0
8447	11	12.3426	30	0	0	0	0	16.7806	10.935	0.64	58.7734	87.8565	0	0	0
8452	11	8.98571	30	0	0	0	0	21.2382	9.01071	0.56	52.4086	87.4945	0	0	0
8456	11	8.98817	30	0	0	0	0	22.4661	9.75714	0.56	52.9039	86.9928	0	0	0
8457	11	10.9066	30	0	0	0	0	18.3429	10.9673	0.605714	56.9475	86.9696	0	0	0
8460	11	11.6916	30	0	0	0	0	19.5725	12.119	0.706677	57.0822	90.847	0	0	0
8461	11	9.70401	30	0	0	0	0	19.7106	10.8561	0.695137	54.9673	90.5413	0	0	0
8463	11	7.0575	30	0	0	0	0	19.6598	9.13847	0.679751	52.1773	90.4842	0	0	0
8464	11	7.05832	30	0	0	0	0	19.4736	10.302	0.679751	52.6387	90.2656	0	0	0
8466	11	7.06035	30	0	0	0	0	19.5219	9.11347	0.679751	52.1831	90.8827	0	0	0
8480	11	12.1249	20	0	0	0	0	21.5891	5.37429	0.569593	59.2822	87.0019	0	0	0
8481	11	9.1162	16	0	0	0	0	21.739	5.30082	0.600214	55.2117	86.9104	0	0	0
8482	11	6.85971	13	0	0	0	0	21.8514	5.24571	0.623179	52.1589	86.8419	0	0	0
8483	11	11.3791	20	0	0	0	0	20.8606	5.88	0.569593	56.7994	86.5076	0	0	0
8484	11	8.79008	16	0	0	0	0	21.0431	5.54367	0.600214	53.7362	86.5549	0	0	0
8485	11	6.84829	13	0	0	0	0	21.1799	5.29143	0.623179	51.4389	86.5904	0	0	0
8486	11	11.7506	20	0	0	0	0	24.9834	7.88571	0.569593	56.7594	86.0791	0	0	0
8487	11	9.14029	16	0	0	0	0	24.9488	7.88571	0.600214	54.039	85.7867	0	0	0
8488	11	7.18257	13	0	0	0	0	24.9228	7.88571	0.623179	51.9989	85.5676	0	0	0
8492	11	12.7152	30	0	0	0	0	19.3839	12.6197	0.706677	57.7206	91.4705	0	0	0
8493	11	10.2489	30	0	0	0	0	19.6972	11.3993	0.695137	54.7026	91.2562	0	0	0
8494	11	6.96041	30	0	0	0	0	20.1148	9.77204	0.679751	50.6786	90.9705	0	0	0
8495	11	13.4581	30	0	0	0	0	19.3411	12.5054	0.706677	57.5634	91.0562	0	0	0
8496	11	10.6758	30	0	0	0	0	19.6653	11.3573	0.695137	54.5332	90.9154	0	0	0
8497	11	6.96613	30	0	0	0	0	20.0976	9.82633	0.679751	50.4929	90.7276	0	0	0
8498	11	13.3724	30	0	0	0	0	19.5182	12.2883	0.706677	57.3549	91.2134	0	0	0
8499	11	10.6207	30	0	0	0	0	19.8462	11.3067	0.695137	54.561	90.9807	0	0	0
8500	11	6.95184	30	0	0	0	0	20.2834	9.99776	0.679751	50.8357	90.6705	0	0	0
8514	11	11.7389	30	0	0	0	0	19.38	11.8025	0.693232	56.0836	86.5412	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8515	11	9.02114	30	0	0	0	0	19.7285	8.84274	0.6889	53.4104	86.3404	0	0	0
8516	11	6.98286	30	0	0	0	0	19.9899	6.62289	0.685651	51.4056	86.1898	0	0	0
8517	11	11.7389	30	0	0	0	0	19.1343	11.9911	0.693232	56.6607	86.8412	0	0	0
8518	11	9.03747	30	0	0	0	0	19.4289	9.17334	0.6889	53.8994	86.5392	0	0	0
8519	11	7.01143	30	0	0	0	0	19.6499	7.06003	0.685651	51.8284	86.3126	0	0	0
8556	11	6.98286	30	0	0	0	0	19.9899	6.62289	0.685651	51.4056	86.1898	0	0	0
8629	11	13.2009	30	0	0	0	0	20.1496	12.4483	0.672004	57.6406	91.7619	0	0	0
8630	11	10.5325	30	0	0	0	0	20.2866	11.3858	0.67329	54.4218	91.6346	0	0	0
8631	11	6.9747	30	0	0	0	0	20.4691	9.96919	0.675004	50.13	91.4648	0	0	0
8656	11	13.4581	30	0	0	0	0	19.6411	12.6311	0.672004	57.3063	91.3734	0	0	0
8657	11	10.6636	30	0	0	0	0	20.04	11.4805	0.67329	54.3238	91.208	0	0	0
8715	11	13.4581	30	0	0	0	0	20.1039	12.4654	0.672004	57.9634	91.9276	0	0	0
8716	11	10.6819	30	0	0	0	0	20.367	11.4863	0.67329	54.6454	91.6644	0	0	0
8717	11	6.98041	30	0	0	0	0	20.7176	10.1806	0.675004	50.2214	91.3134	0	0	0
8745	11	13.3152	30	0	0	0	0	19.7839	12.7054	0.672004	57.7634	91.9848	0	0	0
8746	11	10.5991	30	0	0	0	0	20.3066	11.4642	0.67329	54.8373	91.7485	0	0	0
8747	11	6.97756	30	0	0	0	0	21.0034	9.80919	0.675004	50.9357	91.4334	0	0	0
8766	11	13.4581	30	0	0	0	0	19.8554	12.394	0.672004	57.3063	91.5705	0	0	0
8767	11	10.6819	30	0	0	0	0	20.5029	11.3609	0.67329	54.6005	91.3072	0	0	0
8768	11	6.98041	30	0	0	0	0	21.3662	9.98347	0.675004	50.9929	90.9562	0	0	0
8772	11	13.2009	30	0	0	0	0	19.9468	12.4283	0.672004	58.0634	92.2134	0	0	0
8773	11	10.5191	30	0	0	0	0	20.3653	11.252	0.67329	54.7638	91.9011	0	0	0
8774	11	6.94327	30	0	0	0	0	20.9234	9.68347	0.675004	50.3643	91.4848	0	0	0
8778	11	13.4581	30	0	0	0	0	19.9354	12.5026	0.672004	57.9349	91.8562	0	0	0
8779	11	10.688	30	0	0	0	0	20.4164	11.5209	0.67329	55.0944	91.6787	0	0	0
8780	11	6.9947	30	0	0	0	0	21.0576	10.212	0.675004	51.3071	91.4419	0	0	0
8781	11	13.4581	30	0	0	0	0	19.6268	12.8969	0.672004	57.5634	91.5419	0	0	0
8782	11	10.6636	30	0	0	0	0	19.9817	11.3887	0.67329	54.4965	91.4317	0	0	0
8783	11	6.93756	30	0	0	0	0	20.4548	9.37776	0.675004	50.4071	91.2848	0	0	0
8784	11	13.4581	30	0	0	0	0	20.1554	11.9026	0.672004	58.1634	92.2848	0	0	0
8785	11	10.6709	30	0	0	0	0	20.4564	11.0177	0.67329	55.0597	92.0582	0	0	0
8786	11	6.9547	30	0	0	0	0	20.8576	9.83776	0.675004	50.9214	91.7562	0	0	0
8795	11	13.4581	30	0	0	0	0	20.1868	12.914	0.672004	57.7491	90.9562	0	0	0
8796	11	10.6342	30	0	0	0	0	20.5429	11.494	0.67329	54.0944	90.6991	0	0	0
8818	11	6.92878	30	0	0	0	0	20.4512	9.36274	0.54	50.1657	92.1275	0	0	0
8819	11	6.96307	30	0	0	0	0	20.2283	9.53559	0.54	50.7286	92.4432	0	0	0
8828	11	13.3713	30	0	0	0	0	15.9837	10.935	0.5825	59.28	88.8868	0	0	0
8833	11	9.34286	30	0	0	0	0	21.2459	9.81286	0.6325	52.7703	87.5134	0	0	0
8837	11	9.34409	30	0	0	0	0	21.8598	10.1861	0.6325	53.0179	87.2625	0	0	0
8838	11	11.6462	30	0	0	0	0	18.0649	10.8826	0.603929	56.9411	87.9323	0	0	0
8841	11	12.5864	30	0	0	0	0	19.727	12.8293	0.54	57.5155	92.3729	0	0	0
8842	11	10.2014	30	0	0	0	0	19.7968	11.2519	0.54	54.9926	92.22	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8844	11	7.02304	30	0	0	0	0	19.7722	9.13167	0.54	51.6437	92.1914	0	0	0
8845	11	7.02345	30	0	0	0	0	19.6791	9.71341	0.54	51.8743	92.0822	0	0	0
8847	11	7.02447	30	0	0	0	0	19.7033	9.11917	0.54	51.6465	92.3907	0	0	0
8861	11	11.7778	25	0	0	0	0	21.451	5.53714	0.62	59.5587	86.5903	0	0	0
8862	11	8.94459	17	0	0	0	0	21.5016	5.50041	0.62	56.0077	86.5445	0	0	0
8863	11	6.81966	11	0	0	0	0	21.5396	5.47286	0.62	53.3446	86.5102	0	0	0
8864	11	11.405	25	0	0	0	0	21.0867	5.79	0.62	58.3172	86.3432	0	0	0
8865	11	8.78153	17	0	0	0	0	21.1537	5.62184	0.62	55.27	86.3668	0	0	0
8866	11	6.81394	11	0	0	0	0	21.2039	5.49571	0.62	52.9846	86.3845	0	0	0
8867	11	11.5907	25	0	0	0	0	23.1481	6.79286	0.62	58.2972	86.1289	0	0	0
8868	11	8.95663	17	0	0	0	0	23.1065	6.79286	0.62	55.4214	85.9827	0	0	0
8869	11	6.98109	11	0	0	0	0	23.0753	6.79286	0.62	53.2646	85.8731	0	0	0
8873	11	13.0983	30	0	0	0	0	19.6327	13.0797	0.54	57.8347	92.6846	0	0	0
8874	11	10.4738	30	0	0	0	0	19.79	11.5235	0.54	54.8602	92.5775	0	0	0
8875	11	6.9745	30	0	0	0	0	19.9997	9.44845	0.54	50.8943	92.4346	0	0	0
8876	11	13.4697	30	0	0	0	0	19.6113	13.0225	0.54	57.7561	92.4775	0	0	0
8877	11	10.6873	30	0	0	0	0	19.7741	11.5024	0.54	54.7755	92.407	0	0	0
8878	11	6.97735	30	0	0	0	0	19.9912	9.47559	0.54	50.8014	92.3132	0	0	0
8879	11	13.4268	30	0	0	0	0	19.6999	12.9139	0.54	57.6518	92.556	0	0	0
8880	11	10.6597	30	0	0	0	0	19.8645	11.4771	0.54	54.7894	92.4397	0	0	0
8881	11	6.97021	30	0	0	0	0	20.084	9.56131	0.54	50.9729	92.2846	0	0	0
8894	11	11.7066	30	0	0	0	0	19.492	11.729	0.55	56.0743	86.9795	0	0	0
8895	11	9.01222	30	0	0	0	0	19.5834	8.18757	0.55	53.5419	86.879	0	0	0
8896	11	6.99143	30	0	0	0	0	19.6519	5.53146	0.55	51.6427	86.8037	0	0	0
8897	11	11.7066	30	0	0	0	0	19.3691	11.8233	0.55	56.3629	87.1295	0	0	0
8898	11	9.02039	30	0	0	0	0	19.4336	8.35287	0.55	53.7864	86.9784	0	0	0
8899	11	7.00571	30	0	0	0	0	19.4819	5.75003	0.55	51.8541	86.8652	0	0	0
8933	11	6.99143	30	0	0	0	0	19.6519	5.53146	0.55	51.6427	86.8037	0	0	0
8999	11	10.6156	30	0	0	0	0	20.0847	11.5167	0.54	54.7198	92.7666	0	0	0
9000	11	6.98164	30	0	0	0	0	20.1769	9.54702	0.54	50.62	92.6817	0	0	0
9023	11	13.4697	30	0	0	0	0	19.7613	13.0854	0.54	57.6275	92.636	0	0	0
9024	11	10.6811	30	0	0	0	0	19.9615	11.5641	0.54	54.6709	92.5534	0	0	0
9075	11	13.4697	30	0	0	0	0	19.9927	13.0025	0.54	57.9561	92.9132	0	0	0
9076	11	10.6903	30	0	0	0	0	20.1249	11.5669	0.54	54.8317	92.7815	0	0	0
9077	11	6.9845	30	0	0	0	0	20.3012	9.65274	0.54	50.6657	92.606	0	0	0
9101	11	13.3983	30	0	0	0	0	19.8327	13.1225	0.54	57.8561	92.9417	0	0	0
9102	11	10.6489	30	0	0	0	0	20.0947	11.5559	0.54	54.9276	92.8236	0	0	0
9103	11	6.98307	30	0	0	0	0	20.444	9.46702	0.54	51.0229	92.666	0	0	0
9122	11	13.4697	30	0	0	0	0	19.8684	12.9668	0.54	57.6275	92.7346	0	0	0
9123	11	10.6903	30	0	0	0	0	20.1929	11.5043	0.54	54.8092	92.603	0	0	0
9124	11	6.9845	30	0	0	0	0	20.6255	9.55417	0.54	51.0514	92.4275	0	0	0
9125	11	13.3411	30	0	0	0	0	19.9141	12.9839	0.54	58.0061	93.056	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
9126	11	10.6089	30	0	0	0	0	20.1241	11.4498	0.54	54.8909	92.8999	0	0	0
9127	11	6.96593	30	0	0	0	0	20.404	9.40417	0.54	50.7371	92.6917	0	0	0
9129	11	13.4697	30	0	0	0	0	19.9084	13.0211	0.54	57.9418	92.8775	0	0	0
9130	11	10.6934	30	0	0	0	0	20.1496	11.5843	0.54	55.0562	92.7887	0	0	0
9131	11	6.99164	30	0	0	0	0	20.4712	9.66845	0.54	51.2086	92.6703	0	0	0
9132	11	13.4697	30	0	0	0	0	19.7541	13.2182	0.54	57.7561	92.7203	0	0	0
9133	11	10.6811	30	0	0	0	0	19.9323	11.5181	0.54	54.7572	92.6652	0	0	0
9134	11	6.96307	30	0	0	0	0	20.1697	9.25131	0.54	50.7586	92.5917	0	0	0
9135	11	13.4697	30	0	0	0	0	20.0184	12.7211	0.54	58.0561	93.0917	0	0	0
9136	11	10.6848	30	0	0	0	0	20.1696	11.3326	0.54	55.0388	92.9785	0	0	0
9137	11	6.97164	30	0	0	0	0	20.3712	9.48131	0.54	51.0157	92.8275	0	0	0
9141	11	13.4697	30	0	0	0	0	20.0341	13.2268	0.54	57.849	92.4275	0	0	0
9142	11	10.6664	30	0	0	0	0	20.2129	11.5708	0.54	54.5562	92.2989	0	0	0
4059	11	12.5	178	0	11.4	0	0	21.7	12.6	0.6	56	84.2	0	0	0
4060	11	10.6	175	0	10.9	0	0	23.1	12.9	0.6	53.5	84	0	0	0
4061	11	8	171	0	10.1	0	0	25	13.3	0.6	50.2	83.7	0	0	0
4062	11	12.5	141	0	10	0	0	19.5	12.8	0.6	56.6	87.3	0	0	0
4063	11	10.1	129.43	0	10.2	0	0	19.8	12.1	0.6	52.6	86.3	0	0	0
4064	11	6.8	114	0	10.4	0	0	20.2	11.2	0.5	47.3	85	0	0	0
4065	11	13.4	185	0	10.4	0	0	21.4	10.8	0.6	56.1	84.5	0	0	0
4066	11	11	182	0	10.9	0	0	22.9	11.1	0.6	53.9	84.1	0	0	0
4067	11	7.9	178	0	11.5	0	0	24.8	11.6	0.6	50.9	83.4	0	0	0
4068	11	13.4	174	0	10.5	0	0	18.7	10	0.6	55.3	85.3	0	0	0
4069	11	10.6	155.14	0	11	0	0	19.8	9.9	0.6	52.5	84.9	0	0	0
4070	11	6.8	130	0	11.7	0	0	21.2	9.7	0.6	48.7	84.4	0	0	0
4071	11	8.485	141	0	9.43017	0	0	23.075	11.195	0.81	47.3	81.9	0	0	0
4072	11	10.4	186	0	8.7	0	0	22.3	11.6	0.7	50.1	82.3	0	0	0
4073	11	11.1	241.71	0	8.7	0	0	23.9	12.7	0.5	52.5	81.9	0	0	0
4074	11	13.1	236	0	10	0	0	20.7	10.1	0.6	55.5	84.7	0	0	0
4075	11	10.5	229.57	0	9.9	0	0	23.2	10.6	0.6	52.3	83.4	0	0	0
4076	11	7.1	221	0	9.7	0	0	26.5	11.3	0.6	48	81.7	0	0	0
4077	11	13.1	230	0	9.9	0	0	17.8	10.5	0.5	54.4	85.3	0	0	0
4078	11	10.4	199.57	0	10.2	0	0	18.5	10.2	0.6	52.3	84.7	0	0	0
4079	11	6.8	159	0	10.6	0	0	19.5	9.8	0.6	49.4	84	0	0	0
4113	11	12.3	176.1	0	9.3	0	0	19.1	10.4	0.7	57.2	86.3	0	0	0
4114	11	10.4	168.64	0	9.4	0	0	20.7	10.7	0.7	54.2	84.7	0	0	0
4115	11	7.8	158.7	0	9.5	0	0	23	11.1	0.6	50.3	82.4	0	0	0
4116	11	12.9	140	0	10	0	0	19.8	9.9	0.7	57.7	88.3	0	0	0
4117	11	10.3	127.57	0	10.3	0	0	19.6	9.9	0.6	53.5	87.6	0	0	0
4118	11	6.8	111	0	10.8	0	0	19.4	9.8	0.5	47.9	86.7	0	0	0
4119	11	13.1	211	0	9.7	0	0	18	10.4	0.6	55.9	85.6	0	0	0
4120	11	10.4	184	0	10	0	0	19	10.3	0.6	52.8	85	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4121	11	6.8	148	0	10.3	0	0	20.3	10.3	0.6	48.7	84.2	0	0	0
4125	11	12.9	161	0	9.1	0	0	22.2	9.1	0.7	56	86.2	0	0	0
4126	11	10.7	157.57	0	9.4	0	0	23.2	9	0.7	53.3	85.6	0	0	0
4127	11	7.9	153	0	9.7	0	0	24.6	8.9	0.6	49.6	85	0	0	0
4155	11	13.4	186	0	11	0	0	19.9	10.7	0.6	54.8	85.3	0	0	0
4156	11	11	189.86	0	11.3	0	0	21.6	10.9	0.6	53.3	84.9	0	0	0
4157	11	7.9	195	0	11.6	0	0	24	11.1	0.6	51.3	84.3	0	0	0
4158	11	13.4	207	0	10	0	0	17.4	9.3	0.6	56.5	86.1	0	0	0
4159	11	10.6	174	0	10.7	0	0	19.2	10	0.6	52.9	85.4	0	0	0
4160	11	6.8	130	0	11.6	0	0	21.6	10.9	0.5	48.1	84.4	0	0	0
4185	11	12.5	212	0	9.4	0	0	20.5	10.4	0.6	55.2	85.4	0	0	0
4186	11	10.5	202.57	0	9.7	0	0	21.9	10.5	0.6	52.5	84.8	0	0	0
4187	11	7.9	190	0	10.1	0	0	23.8	10.6	0.6	48.8	83.9	0	0	0
4188	11	12.5	193	0	10	0	0	17.5	11.7	0.6	57.8	88.3	0	0	0
4189	11	10.1	166.43	0	9.8	0	0	17.9	10.8	0.6	54.1	87.1	0	0	0
4190	11	6.9	131	0	9.7	0	0	18.4	9.6	0.6	49.1	85.5	0	0	0
4220	11	12.3	173	0	9	0	0	21.9	12.4	0.6	55.7	84.7	0	0	0
4221	11	10.4	166.14	0	9.1	0	0	22.4	11.9	0.6	53.4	84.6	0	0	0
4222	11	7.9	157	0	9.2	0	0	23.1	11.4	0.6	50.3	84.4	0	0	0
4223	11	12.3	163	0	9.2	0	0	17.5	11.6	0.6	57.3	87.9	0	0	0
4224	11	10	146.71	0	9.3	0	0	17.5	11.6	0.6	53.6	87.3	0	0	0
4225	11	6.9	125	0	9.4	0	0	17.5	11.6	0.5	48.6	86.4	0	0	0
4226	11	8.705	115.715	0	11.2648	0	0	21.045	10.95	0.655	50.47	84.305	0	0	0
4236	11	12.5	187	0	9.2	0	0	18.3	9.8	0.6	57.3	87.3	0	0	0
4237	11	10.5	177.14	0	9.5	0	0	19.6	9.6	0.6	54.3	86.6	0	0	0
4238	11	7.9	164	0	9.9	0	0	21.4	9.3	0.6	50.4	85.8	0	0	0
4239	11	12.5	181	0	9.5	0	0	17.1	11.9	0.7	57.6	88.4	0	0	0
4240	11	10.1	161.29	0	9.8	0	0	17.9	11.2	0.6	54.1	87.4	0	0	0
4241	11	6.9	135	0	10.1	0	0	19	10.1	0.5	49.4	86.1	0	0	0
4257	11	13.4	273	0	9.1	0	0	22.5	13.8	0.6	55.1	82.4	0	0	0
4258	11	7.9	200	0	8.2	0	0	25.8	11.4	0.5	49	81.2	0	0	0
4259	11	13.4	225	0	8.2	0	0	20.3	12.1	0.7	53.5	82.8	0	0	0
4260	11	6.4	134	0	9.2	0	0	24.9	11.1	0.7	45.5	81.6	0	0	0
4261	11	8.585	125.57	0	10.5786	0	0	21.825	10.345	0.76	48.5	83.2	0	0	0
4279	11	12.9	150	0	10.5	0	0	21.6	7	0.7	56	86.9	0	0	0
4280	11	10.7	146.57	0	10.4	0	0	23.4	7.1	0.7	52.9	86	0	0	0
4281	11	7.9	142	0	10.4	0	0	25.9	7.2	0.7	48.8	84.7	0	0	0
4282	11	12.9	121	0	10.2	0	0	17.9	7.2	0.7	57.6	89.6	0	0	0
4283	11	10.2	101.29	0	10.7	0	0	19.5	7.1	0.7	53.9	88	0	0	0
4284	11	6.7	75	0	11.3	0	0	21.8	7.1	0.7	49	85.8	0	0	0
4300	11	12.7	241	0	3	0	0	19.5	8.5	0.9	58.8	85.9	0	0	0
4301	11	10.7	252.14	0	2.8	0	0	21.5	9	0.9	55.1	83.9	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4302	11	7.9	267	0	2.6	0	0	24.1	9.6	0.9	50.1	81.3	0	0	0
4303	11	12.7	135	0	3.8	0	0	15.1	8.3	0.8	58.9	87.7	0	0	0
4304	11	10.2	126.86	0	3.7	0	0	16.9	8.4	0.8	53.5	86.8	0	0	0
4305	11	6.8	116	0	3.5	0	0	19.2	8.4	0.8	46.4	85.5	0	0	0
4306	11	12.9	152	0	10.1	0	0	21.2	7.3	0.7	55	86.3	0	0	0
4307	11	10.7	138.71	0	10.4	0	0	23.8	7.1	0.7	52.3	85.7	0	0	0
4308	11	7.8	121	0	10.8	0	0	27.1	6.8	0.6	48.8	84.8	0	0	0
4309	11	12.9	148	0	11.1	0	0	15.4	9.4	0.6	58.3	90.6	0	0	0
4310	11	10.2	121	0	11.5	0	0	18.7	8.3	0.6	53.6	88.7	0	0	0
4311	11	6.7	85	0	12	0	0	23.1	6.7	0.6	47.3	86.1	0	0	0
4324	11	12.5	180	0	11.2	0	0	22.7	11.8	0.6	54.8	84.3	0	0	0
4325	11	10.6	176.57	0	10.9	0	0	23.2	11.3	0.6	52.8	84.8	0	0	0
4326	11	8	172	0	10.6	0	0	23.9	10.6	0.7	50.3	85.3	0	0	0
4327	11	12.5	167	0	9.9	0	0	20.1	11.7	0.6	54.7	86.5	0	0	0
4328	11	10.1	145.57	0	10.1	0	0	20.6	11.5	0.6	51.3	85.7	0	0	0
4329	11	6.8	117	0	10.4	0	0	21.1	11.3	0.5	46.8	84.6	0	0	0
4330	11	12.7	231	0	8	0	0	16.4	7.2	0.8	59.9	87.6	0	0	0
4331	11	10.7	238.29	0	8	0	0	19.1	7.7	0.8	56.5	85.9	0	0	0
4332	11	7.9	248	0	8	0	0	22.8	8.3	0.9	52	83.6	0	0	0
4333	11	12.7	153	0	7.4	0	0	14.1	6.7	0.8	60	88.4	0	0	0
4334	11	10.1	135.43	0	7.8	0	0	15.8	6.1	0.9	54.6	87.5	0	0	0
4335	11	6.7	112	0	8.3	0	0	18	5.3	0.9	47.3	86.2	0	0	0
4358	11	11.9	243	0	10.5	0	0	22.7	9.8	0.7	55.5	84	0	0	0
4359	11	9.1	231.57	0	10.4	0	0	24.9	11	0.7	51.7	82.8	0	0	0
4360	11	7	223	0	10.4	0	0	26.6	12	0.7	48.9	81.9	0	0	0
4361	11	11.9	219	0	10.7	0	0	19.1	9.3	0.7	54.3	83.6	0	0	0
4362	11	8.9	180.14	0	11	0	0	19.7	9.8	0.6	50.5	83.9	0	0	0
4363	11	6.7	151	0	11.2	0	0	20.1	10.2	0.6	47.7	84.1	0	0	0
4364	11	13.4	177	0	12.7	0	0	22.8	11.8	0.6	55.5	83.3	0	0	0
4365	11	11.1	184.29	0	11.9	0	0	23.4	12.9	0.6	53.6	83.4	0	0	0
4366	11	8	194	0	10.9	0	0	24.3	14.3	0.6	51.1	83.6	0	0	0
4367	11	13.4	125	0	10.5	0	0	18.8	12.3	0.6	54.3	85.6	0	0	0
4368	11	10.6	123.71	0	10.7	0	0	19.2	11.5	0.6	51.4	85.3	0	0	0
4369	11	6.8	122	0	11.1	0	0	19.7	10.4	0.5	47.5	85	0	0	0
4370	11	13.1	241	0	9.7	0	0	21.1	9.2	0.6	55.7	85.3	0	0	0
4371	11	10.5	235	0	9.8	0	0	23	10.3	0.6	52.7	83.8	0	0	0
4372	11	7	227	0	9.9	0	0	25.5	11.9	0.7	48.8	81.8	0	0	0
4373	11	13.1	250	0	9.6	0	0	17.7	10.6	0.6	54.9	85.2	0	0	0
4374	11	10.4	211.43	0	10.1	0	0	18.7	10.6	0.6	52.5	84.8	0	0	0
4375	11	6.8	160	0	10.7	0	0	20	10.6	0.6	49.2	84.3	0	0	0
4379	11	13.1	158.625	0	10.0533	0	0	18.435	10.715	0.6	56.25	85.565	0	0	0
4380	11	10.4214	139.971	0	10.3732	0	0	19.3271	10.9029	0.610714	53.2857	84.7871	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4381	11	6.85	115.1	0	10.7478	0	0	20.5	11.22	0.625	49.35	83.75	0	0	0
4382	11	13.1	168.125	0	10.1561	0	0	18.335	10.765	0.55	55.5	85.415	0	0	0
4383	11	10.4214	147.756	0	10.4759	0	0	19.0771	10.8529	0.610714	53.0357	84.6371	0	0	0
4384	11	6.85	120.6	0	10.9018	0	0	20.1	10.97	0.625	49.7	83.65	0	0	0
4405	11	13.4	123.8	0	10.5163	0	0	18.87	10.18	0.645	55.5	85.18	0	0	0
4406	11	10.5879	114.946	0	10.9791	0	0	20.1164	10.4814	0.649286	52.5443	84.6907	0	0	0
4407	11	6.805	103.145	0	11.6183	0	0	21.745	10.85	0.655	48.57	84.055	0	0	0
4409	11	12.1	158.5	0	10.3851	0	0	19.475	10.71	0.645	55.875	85.175	0	0	0
4410	11	9.83857	139.534	0	10.7307	0	0	20.5821	10.8379	0.664286	53.05	84.5036	0	0	0
4411	11	6.79	114.25	0	11.2104	0	0	22.025	10.975	0.69	49.25	83.625	0	0	0
4412	11	13.1	241	0	9.6	0	0	21.8	10	0.6	55.8	84.3	0	0	0
4413	11	10.5	225.57	0	9.7	0	0	23.6	10.5	0.7	52.9	83.4	0	0	0
4414	11	7.1	205	0	9.7	0	0	26	11.1	0.7	48.9	82.3	0	0	0
4415	11	13.4	236	0	5.5	0	0	22.5	9.4	0.6	57.2	82.4	0	0	0
4416	11	11.5	220.1	0	6.3	0	0	23.8	9.7	0.7	54.5	81.9	0	0	0
4417	11	8.9	198.9	0	7.3	0	0	25.6	10.1	0.7	51	81.2	0	0	0
4418	11	6.9	183	0	8.1	0	0	27	10.4	0.7	48.3	80.7	0	0	0
4419	11	13.4	219	0	5.3	0	0	20.6	8.8	0.6	55.2	83.2	0	0	0
4420	11	11.4	194.1	0	6.5	0	0	20.7	9.2	0.6	53.1	83.2	0	0	0
4421	11	8.7	160.9	0	8.1	0	0	20.9	9.8	0.6	50.3	83.2	0	0	0
4422	11	6.7	136	0	9.2	0	0	21	10.2	0.5	48.2	83.2	0	0	0
4431	11	11.9	272	0	9.6	0	0	21	9.8	0.8	56.1	84.1	0	0	0
4432	11	9.1	250.29	0	10.1	0	0	23.8	10.4	0.8	52.2	82.9	0	0	0
4433	11	7	234	0	10.5	0	0	25.8	10.8	0.8	49.3	82.1	0	0	0
4434	11	11.9	245	0	10	0	0	17	9.4	0.6	55.6	85.4	0	0	0
4435	11	9	194.71	0	10.2	0	0	17.9	9.6	0.6	52.6	84.5	0	0	0
4436	11	6.8	157	0	10.3	0	0	18.6	9.7	0.6	50.3	83.8	0	0	0
4440	11	11.8	241	0	10.1	0	0	21.3	10.1	0.7	56	84.5	0	0	0
4441	11	9.8	229.43	0	10.4	0	0	23.4	10.6	0.7	53	83.7	0	0	0
4442	11	7.1	214	0	10.9	0	0	26.1	11.3	0.7	48.8	82.7	0	0	0
4443	11	11.8	244	0	10.1	0	0	19.4	10.6	0.7	54	84.5	0	0	0
4444	11	9.6	208.86	0	10.2	0	0	19.5	10.2	0.7	51.9	84.5	0	0	0
4445	11	6.8	162	0	10.5	0	0	19.6	9.7	0.7	49	84.5	0	0	0
4461	11	12.83	22.155	0	11.1	0	0	21.54	4.78	0.59	56.8	88.58	0	0	0
4462	11	9.53714	22.8586	0	7.3	0	0	21.9629	4.65143	0.607143	52.0157	88.22	0	0	0
4463	11	7.13	23.39	0	4.5	0	0	22.305	4.555	0.57	48.415	87.95	0	0	0
4464	11	11.525	24.92	0	11.1	0	0	20.265	5.665	0.6	52.455	87.715	0	0	0
4465	11	8.96643	23.9007	0	7.3	0	0	20.745	5.07643	0.585714	49.4336	87.5979	0	0	0
4466	11	7.11	23.14	0	4.5	0	0	21.13	4.635	0.525	47.155	87.51	0	0	0
4467	11	12.73	16.505	0	5.9	0	0	22.09	5.23	0.54	55.95	89.93	0	0	0
4468	11	9.48714	14.6686	0	6.1	0	0	22.5129	4.80143	0.557143	51.4657	89.42	0	0	0
4469	11	7.08	13.29	0	6.3	0	0	22.855	4.505	0.57	48.115	89	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4470	11	8.03	13.655	0	6.1	0	0	22.755	4.705	0.57	48.965	89.3	0	0	0
4471	11	10.7871	15.1536	0	5.9	0	0	22.4129	5.10143	0.557143	52.6157	89.77	0	0	0
4472	11	11.425	19.27	0	5.9	0	0	20.815	6.115	0.55	51.605	89.065	0	0	0
4473	11	8.91643	15.7107	0	6.1	0	0	21.295	5.22643	0.535714	48.8836	88.7979	0	0	0
4474	11	7.06	13.04	0	6.3	0	0	21.68	4.585	0.525	46.855	88.56	0	0	0
4475	11	8.01	13.405	0	6.1	0	0	21.58	4.785	0.525	47.705	88.86	0	0	0
4476	11	10.2164	16.1957	0	5.9	0	0	21.195	5.52643	0.535714	50.0336	89.1479	0	0	0
4477	11	12.075	49.485	0	3.19015	0	0	28.03	9.625	1.1	51.535	88.315	0	0	0
4478	11	9.52929	49	0	2.79362	0	0	28.13	9.325	1.1	49.4136	87.4536	0	0	0
4479	11	7.645	48.635	0	2.35197	0	0	28.23	9.125	1.1	47.835	86.77	0	0	0
4480	11	8.595	49	0	2.79362	0	0	28.13	9.325	1.1	48.685	87.07	0	0	0
4481	11	10.8293	49.485	0	3.19015	0	0	28.03	9.625	1.1	50.5636	87.8036	0	0	0
4485	11	11.3	168.75	0	10.3766	0	0	18.77	10.46	0.7	55.575	84.95	0	0	0
4486	11	9.36214	150.537	0	10.5861	0	0	19.3664	10.4893	0.693571	52.9071	84.575	0	0	0
4487	11	6.845	126.25	0	10.9446	0	0	20.145	10.545	0.685	49.3	84.075	0	0	0
4488	11	13.25	178.25	0	9.88767	0	0	17.845	10.26	0.59	55.75	84.575	0	0	0
4489	11	10.5093	152.751	0	10.3448	0	0	18.9107	10.6157	0.605	52.9107	84.1286	0	0	0
4490	11	6.855	118.75	0	10.9199	0	0	20.315	11.09	0.625	49.075	83.55	0	0	0
4491	11	13.1	157.5	0	10.2045	0	0	18.205	9.83	0.55	55.135	84.9	0	0	0
4492	11	10.4129	142.178	0	10.434	0	0	19.1271	10.3271	0.617143	52.8593	84.1929	0	0	0
4493	11	6.83	121.75	0	10.7418	0	0	20.39	10.99	0.64	49.775	83.3	0	0	0
4498	11	11.3995	138.174	0	6.2766	0	0	20.578	7.9265	0.685	53.038	83.645	0	0	0
4499	11	8.7155	128.74	0	7.94559	0	0	19.542	8.5285	0.665	50.722	84.505	0	0	0
4500	11	6.715	121.665	0	9.10576	0	0	18.74	8.955	0.6	48.985	85.15	0	0	0
4501	11	13.4	145.25	0	5.03606	0	0	21.38	7.5	0.7	54.775	83	0	0	0
4514	11	11.9	143.25	0	11.0422	0	0	18.96	10.735	0.64	55.215	83.975	0	0	0
4515	11	8.98286	122.591	0	11.1842	0	0	20.0771	10.9593	0.612857	51.6264	83.7736	0	0	0
4516	11	6.82	107.1	0	11.2788	0	0	20.89	11.14	0.63	48.96	83.61	0	0	0
4517	11	11.9	162.75	0	10.5042	0	0	17.48	11.115	0.625	56.875	85.4	0	0	0
4518	11	9.06143	137.891	0	10.6431	0	0	18.6529	11.4379	0.647857	53.5321	84.4214	0	0	0
4519	11	6.92	119.25	0	10.72	0	0	19.545	11.655	0.665	51	83.675	0	0	0
4562	11	7.92	121.67	0	11.1842	0	0	20.69	10.94	0.63	50.36	83.51	0	0	0
4587	11	12.8	127.5	0	7.4	0	0	14.13	7.33	0.81	60.375	88.325	0	0	0
4588	11	10.2229	100.286	0	7.8	0	0	15.4021	6.06571	0.875	54.6214	87.6821	0	0	0
4589	11	6.82	64	0	8.3	0	0	17.065	4.38	0.895	46.9	86.775	0	0	0
4678	11	12.5	113.585	0	10.0631	0	0	20.16	11.26	0.665	56.735	86.86	0	0	0
4679	11	10.1086	102.443	0	10.2521	0	0	20.5479	11.4157	0.647857	52.7657	86.1371	0	0	0
4680	11	6.87	87.585	0	10.4375	0	0	21.065	11.64	0.575	47.49	85.19	0	0	0
4681	11	12.7	76.5	0	3.8	0	0	14.16	7.365	0.755	58.4	88.175	0	0	0
4682	11	10.235	70.7157	0	3.7	0	0	15.525	7.22214	0.810714	53.2143	87.5536	0	0	0
4683	11	6.915	63	0	3.5	0	0	17.295	6.965	0.885	46.35	86.675	0	0	0
4732	11	12.5	126.585	0	9.9904	0	0	20.46	10.71	0.665	55.785	86.46	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4733	11	10.1086	110.513	0	10.1804	0	0	20.9479	11.1157	0.647857	52.1157	85.8371	0	0	0
4734	11	6.87	89.085	0	10.437	0	0	21.515	11.69	0.575	47.24	84.99	0	0	0
4737	11	12.7	116.75	0	9.91869	0	0	20.265	11.43	0.685	55.4	87.075	0	0	0
4738	11	10.2207	101.644	0	10.0249	0	0	20.7236	11.5879	0.659286	51.675	86.125	0	0	0
4739	11	6.865	81.5	0	10.1023	0	0	21.335	11.815	0.575	46.725	84.875	0	0	0
4786	11	13.4	111	0	10.9405	0	0	19.73	11.04	0.725	56.15	86.3	0	0	0
4787	11	10.62	101.248	0	10.9154	0	0	20.3886	11.2914	0.675714	52.5571	85.6893	0	0	0
4788	11	6.88	88.25	0	10.954	0	0	21.25	11.61	0.56	47.75	84.925	0	0	0
4809	11	12.78	122.295	0	5.65443	0	0	22.615	11.83	0.9	53.945	86.83	0	0	0
4810	11	10.3743	116.08	0	5.86427	0	0	22.515	11.83	0.85	50.9107	86.0321	0	0	0
4811	11	7.15	107.795	0	6.20262	0	0	22.415	11.78	0.8	46.865	84.985	0	0	0
4820	11	11.6	19	0	5.9	0	0	21.9	5.9	0.5	54	90.8	0	0	0
4821	11	9	18.03	0	6.1	0	0	22.1	5.3	0.5	51.7	90.1	0	0	0
4822	11	7.1	17.3	0	6.3	0	0	22.3	4.9	0.5	50	89.5	0	0	0
4823	11	12.7	129.75	0	9.81778	0	0	20.565	10.88	0.685	54.45	86.675	0	0	0
4824	11	10.2207	109.714	0	9.92559	0	0	21.1236	11.2879	0.659286	51.025	85.825	0	0	0
4825	11	6.865	83	0	10.1081	0	0	21.785	11.865	0.575	46.475	84.675	0	0	0
4826	11	11.8	30.3	0	11.1	0	0	20.8	5	0.6	55.7	88.1	0	0	0
4827	11	9.1	34.41	0	7.3	0	0	21	5	0.6	52.8	87.7	0	0	0
4828	11	7.2	37.5	0	4.5	0	0	21.2	5	0.5	50.6	87.4	0	0	0
4829	11	12.9	96	0	10.6137	0	0	19.67	10.26	0.69	57.5	87.75	0	0	0
4830	11	10.325	89.2857	0	10.821	0	0	20.4829	10.4529	0.659286	53.9429	86.9864	0	0	0
4831	11	6.875	80.335	0	11.1561	0	0	21.6	10.66	0.635	49.2	85.985	0	0	0
4847	11	12.95	130.085	0	10.4388	0	0	19.76	9.86	0.665	56.085	85.86	0	0	0
4848	11	10.3586	115.298	0	10.8331	0	0	20.5479	10.3157	0.647857	52.7157	85.4371	0	0	0
4849	11	6.87	95.585	0	11.3408	0	0	21.565	10.89	0.625	48.19	84.89	0	0	0
4860	11	13.15	93.75	0	10.9012	0	0	17.595	9.465	0.65	57	88.175	0	0	0
4861	11	10.42	83.3571	0	11.1678	0	0	20.3764	9.47214	0.677857	53.5786	86.7643	0	0	0
4862	11	6.83	69.5	0	11.5087	0	0	24.085	9.415	0.715	49	84.85	0	0	0
4863	11	12.5	124.25	0	10.9172	0	0	18.605	10.775	0.695	57.975	88.2	0	0	0
4864	11	10.085	111.716	0	11.1358	0	0	19.7357	10.7314	0.649286	54.1143	87.1536	0	0	0
4865	11	6.865	95	0	11.3597	0	0	21.26	10.59	0.605	48.95	85.775	0	0	0
4866	11	11.55	130.5	0	9.09982	0	0	18.915	10.985	0.69	56.75	87.275	0	0	0
4867	11	9.575	113.141	0	9.11643	0	0	19.6479	11.045	0.672857	53.25	86.7286	0	0	0
4868	11	6.925	90	0	9.10997	0	0	20.625	11.125	0.6	48.55	85.95	0	0	0
4873	11	13.15	80	0	10.4483	0	0	18.985	8.555	0.69	57.75	88.175	0	0	0
4874	11	10.4307	72.9307	0	10.7525	0	0	20.625	9.15214	0.730714	54.5929	87.0643	0	0	0
4875	11	6.855	63.5	0	11.1311	0	0	22.895	10.015	0.785	50.4	85.55	0	0	0
4876	11	11.55	124.8	0	9.1466	0	0	18.56	11.04	0.675	57.14	87.34	0	0	0
4877	11	9.56857	110.784	0	9.1607	0	0	19.2307	11.2736	0.662143	53.1943	86.7871	0	0	0
4878	11	6.91	92.1	0	9.15095	0	0	20.125	11.585	0.595	47.9	86	0	0	0
4879	11	13.4	114.75	0	10.544	0	0	18.845	10.645	0.655	55.95	85.475	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4880	11	10.5879	105.106	0	10.9452	0	0	20.0143	10.3207	0.665714	52.8464	85.0821	0	0	0
4881	11	6.805	92.25	0	11.5025	0	0	21.54	9.855	0.68	48.675	84.575	0	0	0
4884	11	12.95	124.5	0	10.2712	0	0	19.17	9.755	0.66	58.25	88.275	0	0	0
4885	11	10.3507	110.786	0	10.4121	0	0	19.895	10.1214	0.653571	54.6321	87.2786	0	0	0
4886	11	6.885	92.5	0	10.6869	0	0	20.845	10.61	0.645	49.775	85.95	0	0	0
4887	11	13.4	131.25	0	10.3011	0	0	18.195	10.295	0.655	56.55	85.875	0	0	0
4888	11	10.5879	114.536	0	10.7956	0	0	19.7143	10.3707	0.665714	53.0464	85.3321	0	0	0
4889	11	6.805	92.25	0	11.4518	0	0	21.74	10.455	0.63	48.375	84.575	0	0	0
4900	11	13.4	174	0	9.06071	0	0	20.625	11.725	0.7	55.375	83.2	0	0	0
4901	11	10.4364	148.714	0	9.36197	0	0	22.2464	11.355	0.747143	50.9429	82.5	0	0	0
4902	11	6.485	115	0	9.68028	0	0	24.375	10.945	0.81	45	81.55	0	0	0
4914	11	13.4	148.5	0	10.2087	0	0	19.825	10.675	0.65	56.275	84.45	0	0	0
4915	11	10.5364	133.284	0	10.5101	0	0	20.9964	10.505	0.697143	52.1429	83.8	0	0	0
4916	11	6.685	113	0	10.9308	0	0	22.525	10.245	0.76	46.6	82.95	0	0	0
4917	11	11.65	119.5	0	9.88647	0	0	19.915	11.585	0.69	56.4	86.975	0	0	0
4918	11	9.625	104.501	0	9.9942	0	0	20.7979	11.295	0.672857	52.75	86.2286	0	0	0
4919	11	6.875	84.5	0	10.0735	0	0	21.975	10.925	0.6	47.9	85.25	0	0	0
4933	11	6.57	96	0	10.161	0	0	23.85	10.79	0.92	44.5	81.5	0	0	0
4934	11	6.81	76.29	0	11.5343	0	0	22.29	12	0.71	48.44	83.71	0	0	0
4946	11	12.55	79.97	0	0.1034	0	0	34.16	13.35	1.7	49.07	85.83	0	0	0
4947	11	10.0586	79.97	0	0.1034	0	0	34.16	13.35	1.7	47.1271	84.8071	0	0	0
4948	11	8.19	79.97	0	0.1034	0	0	34.16	13.35	1.7	45.67	84.04	0	0	0
4952	11	10.8	93.5	0	10.6813	0	0	18.14	10.32	0.7	57.15	85.4	0	0	0
4953	11	9.12429	92.2143	0	11.0029	0	0	19.2329	10.7786	0.687143	53.9143	84.65	0	0	0
4954	11	6.89	90.5	0	11.4116	0	0	20.69	11.39	0.67	49.6	83.65	0	0	0
4955	11	13.4	106.5	0	10.1876	0	0	17.99	9.92	0.58	56.6	83.95	0	0	0
4956	11	10.6186	94.0714	0	10.5999	0	0	19.1214	10.6314	0.61	53.3214	83.4571	0	0	0
4957	11	6.91	77.5	0	11.1489	0	0	20.63	11.58	0.65	48.95	82.8	0	0	0
4958	11	13.1	85	0	10.5218	0	0	18.61	9.16	0.6	55.87	84.5	0	0	0
4959	11	10.4257	84.7857	0	10.6791	0	0	19.7543	10.4543	0.634286	53.4186	83.6857	0	0	0
4960	11	6.86	84.5	0	10.8912	0	0	21.28	12.18	0.68	50.15	82.6	0	0	0
4963	11	11.399	82.249	0	0.9153	0	0	20.456	6.653	0.77	52.976	84.09	0	0	0
4964	11	13.4	71.5	0	0.7822	0	0	22.16	6.2	0.8	54.35	82.8	0	0	0
4970	11	11.9	67.5	0	11.3977	0	0	18.82	12.17	0.58	56.13	84.35	0	0	0
4971	11	9.06571	65.0429	0	11.3775	0	0	20.4543	12.1186	0.625714	52.7529	83.6471	0	0	0
4972	11	6.94	63.2	0	11.3621	0	0	21.68	12.08	0.66	50.22	83.12	0	0	0
4973	11	11.9	80.5	0	11.0607	0	0	17.96	12.83	0.65	58.15	85.4	0	0	0
4974	11	9.12286	81.0714	0	11.1203	0	0	19.4057	13.2757	0.695714	54.4643	84.3429	0	0	0
4975	11	7.04	81.5	0	11.1641	0	0	20.49	13.61	0.73	51.7	83.55	0	0	0
4996	11	6.94	63.2	0	11.3775	0	0	21.68	12.08	0.66	50.22	83.12	0	0	0
5023	11	6.99	56.5	0	0.5628	0	0	17.32	5.88	0.84	46.22	82.27	0	0	0
5039	11	12.5	86.17	0	10.2515	0	0	20.82	9.72	0.73	56.87	86.42	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5040	11	10.1171	75.4557	0	10.3881	0	0	21.2957	10.7314	0.695714	52.9314	85.9743	0	0	0
5041	11	6.94	61.17	0	10.5214	0	0	21.93	12.08	0.65	47.68	85.38	0	0	0
5050	11	13.4	73.6	0	10.5326	0	0	19.04	10.36	0.69	55.7	85.06	0	0	0
5051	11	10.5757	74.7529	0	10.9579	0	0	20.4329	11.0629	0.698571	52.5886	84.4814	0	0	0
5056	11	10.3414	73.8571	0	3.0684	0	0	21.6471	11.0757	0.718571	50.75	85.95	0	0	0
5057	11	6.93	49	0	1.3684	0	0	22.47	12.43	0.65	46.15	84.75	0	0	0
5078	11	13.4	97	0	11.5599	0	0	20.66	9.78	0.85	58	87	0	0	0
5079	11	10.64	78.7857	0	11.1774	0	0	21.5771	11.0829	0.751429	53.7143	86.0786	0	0	0
5080	11	6.96	54.5	0	10.8035	0	0	22.8	12.82	0.62	48	84.85	0	0	0
5098	11	12.9	52	0	11.2658	0	0	19.54	10.62	0.68	57.3	87.2	0	0	0
5099	11	10.35	51.0014	0	11.3904	0	0	21.3657	11.0057	0.718571	54.3857	86.3729	0	0	0
5100	11	6.95	49.67	0	11.5599	0	0	23.8	11.52	0.77	50.5	85.27	0	0	0
5107	11	13.4	39.5	0	10.7019	0	0	19.79	9.53	0.7	55.7	85.75	0	0	0
5108	11	10.64	45.7143	0	10.8329	0	0	22.0529	10.6443	0.755714	53.5571	84.8286	0	0	0
5109	11	6.96	54	0	11.0098	0	0	25.07	12.13	0.83	50.7	83.6	0	0	0
5110	11	12.5	67.5	0	13.304	0	0	20.11	9.65	0.69	58.35	88	0	0	0
5111	11	10.07	62.1429	0	13.3443	0	0	21.5714	10.2629	0.698571	54.1286	86.9071	0	0	0
5112	11	6.83	55	0	13.3945	0	0	23.52	11.08	0.71	48.5	85.45	0	0	0
5113	11	9.15	79.5714	0	2.16882	0	0	21.7957	10.49	0.745714	52.9	86.1571	0	0	0
5114	11	6.95	55	0	1.1365	0	0	23.75	10.65	0.7	48.5	85.5	0	0	0
5115	11	13.4	39	0	10.7017	0	0	20.07	9.91	0.68	57.9	86.75	0	0	0
5116	11	10.6614	44.5714	0	10.8068	0	0	21.75	11.2043	0.761429	55.2857	86.1286	0	0	0
5117	11	7.01	52	0	10.9522	0	0	23.99	12.93	0.87	51.8	85.3	0	0	0
5118	11	9.13714	74.8571	0	2.90141	0	0	20.9614	10.9471	0.724286	52.7886	86.2743	0	0	0
5119	11	6.92	59.2	0	0.9532	0	0	22.75	11.57	0.69	47.2	85.6	0	0	0
5120	11	13.4	55.5	0	10.5879	0	0	18.99	11.29	0.71	56.6	85.65	0	0	0
5121	11	10.5757	55.0714	0	10.8898	0	0	20.2286	10.7414	0.731429	53.1929	85.2643	0	0	0
5122	11	6.81	54.5	0	11.2991	0	0	21.88	10.01	0.76	48.65	84.75	0	0	0
5123	11	13.4	56	0	10.5555	0	0	20.84	7.81	0.72	58.7	88.25	0	0	0
5124	11	10.6014	55.1429	0	11.061	0	0	21.89	9.44286	0.707143	55.1643	87.4571	0	0	0
5125	11	6.87	54	0	11.7501	0	0	23.29	11.62	0.69	50.45	86.4	0	0	0
5126	11	13.4	123	0	9.9222	0	0	20.95	11.35	0.7	57.25	83.6	0	0	0
5127	11	10.4729	111.429	0	10.0245	0	0	22.1929	11.11	0.794286	51.7857	82.7	0	0	0
5129	11	6.6298	79.5	0	10.161	0	0	23.2835	10.5521	0.864997	45.4443	83.2712	0	0	0
5130	11	6.83551	64.7175	0	11.5343	0	0	21.9464	11.5893	0.707497	48.8214	85.1655	0	0	0
5137	11	7.55714	85.9425	0	4.5	0	0	21.2076	5.80214	1	50.9617	87.4189	0	0	0
5147	11	12.3901	63.7275	0	0.1034	0	0	32.3247	12.2571	1.38267	50.6079	85.8798	0	0	0
5148	11	9.87494	63.7275	0	0.1034	0	0	32.3178	12.2571	1.40234	48.5095	85.003	0	0	0
5149	11	7.98851	63.7275	0	0.1034	0	0	32.3126	12.2571	1.4171	46.9358	84.3455	0	0	0
5153	11	11.183	77.625	0	10.6813	0	0	18.3888	10.7799	0.731251	57.2641	86.6141	0	0	0
5154	11	9.34921	76.6607	0	11.0029	0	0	19.3258	10.9027	0.708213	54.072	85.9712	0	0	0
5155	11	6.90408	75.375	0	11.4116	0	0	20.575	11.0664	0.677497	49.8157	85.1141	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5156	11	13.4116	87.375	0	10.1876	0	0	18.2602	10.4371	0.641251	56.7927	85.3712	0	0	0
5157	11	10.63	78.0536	0	10.5999	0	0	19.2302	10.7766	0.650356	53.5638	84.9488	0	0	0
5158	11	6.92123	65.625	0	11.1489	0	0	20.5235	11.2293	0.662497	49.2586	84.3855	0	0	0
5159	11	13.1545	71.25	0	10.5218	0	0	18.7916	9.78566	0.656251	56.167	85.8427	0	0	0
5160	11	10.4647	71.0893	0	10.6791	0	0	19.7727	10.6248	0.66857	53.6471	85.1447	0	0	0
5161	11	6.87837	70.875	0	10.8912	0	0	21.0807	11.7436	0.684997	50.2871	84.2141	0	0	0
5166	11	11.3632	69.1868	0	0.9153	0	0	20.3909	7.23251	0.796249	54.1501	84.1133	0	0	0
5167	11	13.3324	61.125	0	0.7822	0	0	21.8514	6.99253	0.8375	55.8553	83.0076	0	0	0
5174	11	11.8678	58.125	0	11.3977	0	0	18.932	12.0965	0.641251	56.1207	84.7882	0	0	0
5175	11	9.0568	56.2821	0	11.3775	0	0	20.3091	11.4634	0.657677	52.8844	84.1858	0	0	0
5176	11	6.94857	54.9	0	11.3621	0	0	21.342	10.9886	0.669997	50.4571	83.734	0	0	0
5177	11	11.8678	67.875	0	11.0607	0	0	18.1949	12.6622	0.693751	57.8521	85.6882	0	0	0
5178	11	9.10578	68.3036	0	11.1203	0	0	19.4103	12.4552	0.710177	54.3513	84.7822	0	0	0
5179	11	7.03429	68.625	0	11.1641	0	0	20.322	12.3	0.722497	51.7257	84.1025	0	0	0
5216	11	6.94857	54.9	0	11.3775	0	0	21.342	10.9886	0.669997	50.4571	83.734	0	0	0
5272	11	6.99143	49.875	0	0.5628	0	0	17.7029	6.22389	0.804997	47.1284	82.5533	0	0	0
5298	11	12.6402	72.1275	0	10.2515	0	0	20.6859	10.2657	0.722501	57.0241	87.4884	0	0	0
5299	11	10.2002	64.0918	0	10.3881	0	0	21.0939	10.8623	0.696785	53.2295	87.1064	0	0	0
5300	11	6.94694	53.3775	0	10.5214	0	0	21.6378	11.6578	0.662497	48.17	86.597	0	0	0
5321	11	13.4116	62.7	0	10.5326	0	0	19.1602	10.8142	0.692501	56.0213	86.3227	0	0	0
5322	11	10.5933	63.5646	0	10.9579	0	0	20.3543	11.1464	0.698928	52.9356	85.8267	0	0	0
5334	11	10.3924	62.8929	0	3.0684	0	0	21.3951	11.1574	0.713928	51.3597	87.0855	0	0	0
5335	11	6.93837	44.25	0	1.3684	0	0	22.1007	11.9578	0.662497	46.8586	86.057	0	0	0
5371	11	13.4116	80.25	0	11.5599	0	0	20.5488	10.3171	0.812501	57.9927	87.9855	0	0	0
5372	11	10.6484	66.5893	0	11.1774	0	0	21.3351	11.1636	0.738571	53.9005	87.1958	0	0	0
5373	11	6.96408	48.375	0	10.8035	0	0	22.3835	12.2921	0.639997	48.4443	86.1427	0	0	0
5402	11	12.983	46.5	0	11.2658	0	0	19.5888	11.0371	0.685001	57.3927	88.157	0	0	0
5403	11	10.3998	45.7511	0	11.3904	0	0	21.1539	11.0974	0.713928	54.476	87.448	0	0	0
5404	11	6.95551	44.7525	0	11.5599	0	0	23.2407	11.1778	0.752497	50.5871	86.5027	0	0	0
5419	11	13.4116	37.125	0	10.7019	0	0	19.8031	10.1028	0.700001	56.0213	86.9141	0	0	0
5420	11	10.6484	41.7857	0	10.8329	0	0	21.7429	10.7876	0.741785	53.7658	86.1243	0	0	0
5421	11	6.96408	48	0	11.0098	0	0	24.3292	11.7007	0.797497	50.7586	85.0712	0	0	0
5425	11	12.6402	58.125	0	13.304	0	0	20.0774	10.2057	0.692501	58.2927	88.8427	0	0	0
5426	11	10.1598	54.1071	0	13.3443	0	0	21.3302	10.4607	0.698928	54.2556	87.9059	0	0	0
5427	11	6.85265	48.75	0	13.3945	0	0	23.0007	10.8007	0.707497	48.8729	86.657	0	0	0
5428	11	9.37124	67.1786	0	2.16882	0	0	21.5224	10.6554	0.734285	53.2026	87.263	0	0	0
5429	11	6.95551	48.75	0	1.1365	0	0	23.1978	10.4321	0.699997	48.8729	86.6998	0	0	0
5430	11	13.4116	36.75	0	10.7017	0	0	20.0431	10.4285	0.685001	57.907	87.7712	0	0	0
5431	11	10.6667	40.9286	0	10.8068	0	0	21.4833	11.2676	0.746071	55.2474	87.2386	0	0	0
5432	11	7.00694	46.5	0	10.9522	0	0	23.4035	12.3864	0.827497	51.7014	86.5284	0	0	0
5433	11	6.9298	51.9	0	0.9532	0	0	22.3407	11.2207	0.692497	47.7586	86.7855	0	0	0
5434	11	13.4116	49.125	0	10.5879	0	0	19.1174	11.6114	0.707501	56.7927	86.8284	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5435	11	10.5933	48.8036	0	10.8898	0	0	20.1792	10.8709	0.723571	53.4536	86.4978	0	0	0
5436	11	6.83551	48.375	0	11.2991	0	0	21.595	9.88355	0.744997	49.0014	86.057	0	0	0
5437	11	13.4116	49.5	0	10.5555	0	0	20.7031	8.62851	0.715001	58.5927	89.057	0	0	0
5438	11	10.6153	48.8571	0	11.061	0	0	21.6033	9.75782	0.705356	55.1434	88.3773	0	0	0
5439	11	6.88694	48	0	11.7501	0	0	22.8035	11.2636	0.692497	50.5443	87.4712	0	0	0
5444	11	13.4116	99.75	0	9.9222	0	0	20.7974	11.6628	0.700001	57.3498	85.0712	0	0	0
5445	11	10.5052	91.0714	0	10.0245	0	0	21.8629	11.1868	0.770714	52.2474	84.2998	0	0	0
5465	11	12.2302	47.485	0	0.1034	0	0	30.4894	11.1643	1.06534	52.1457	85.9296	0	0	0
5468	11	9.57412	61.1071	0	11.0029	0	0	19.4186	11.0269	0.729283	54.2296	87.2925	0	0	0
5469	11	11.5661	61.75	0	10.6813	0	0	18.6376	11.2399	0.762501	57.3782	87.8282	0	0	0
5470	11	10.6415	62.0357	0	10.5999	0	0	19.339	10.9217	0.690712	53.8061	86.4404	0	0	0
5471	11	13.4232	68.25	0	10.1876	0	0	18.5304	10.9542	0.702501	56.9854	86.7925	0	0	0
5472	11	10.5037	57.3929	0	10.6791	0	0	19.791	10.7952	0.702855	53.8755	86.6037	0	0	0
5473	11	13.2089	57.5	0	10.5218	0	0	18.9733	10.4113	0.712501	56.4639	87.1853	0	0	0
5477	11	13.2648	50.75	0	0.7822	0	0	21.5429	7.78506	0.875	57.3606	83.2153	0	0	0
5482	11	9.04788	47.5214	0	11.3775	0	0	20.164	10.8083	0.68964	53.0159	84.7244	0	0	0
5483	11	11.8355	48.75	0	11.3977	0	0	19.044	12.023	0.702501	56.1114	85.2265	0	0	0
5484	11	9.0887	55.5357	0	11.1203	0	0	19.415	11.6348	0.72464	54.2383	85.2214	0	0	0
5485	11	11.8355	55.25	0	11.0607	0	0	18.4297	12.4944	0.737501	57.5543	85.9765	0	0	0
5557	11	10.2833	52.7279	0	10.3881	0	0	20.892	10.9932	0.697856	53.5275	88.2384	0	0	0
5558	11	12.7804	58.085	0	10.2515	0	0	20.5519	10.8113	0.715002	57.1782	88.5568	0	0	0
5572	11	10.6108	52.3764	0	10.9579	0	0	20.2758	11.23	0.699284	53.2827	87.1721	0	0	0
5573	11	13.4232	51.8	0	10.5326	0	0	19.2804	11.2685	0.695002	56.3425	87.5853	0	0	0
5596	11	10.6568	54.3929	0	11.1774	0	0	21.093	11.2442	0.725713	54.0868	88.3129	0	0	0
5597	11	13.4232	63.5	0	11.5599	0	0	20.4376	10.8542	0.775002	57.9854	88.9711	0	0	0
5616	11	10.4496	40.5007	0	11.3904	0	0	20.942	11.1891	0.709284	54.5663	88.5231	0	0	0
5617	11	13.0661	41	0	11.2658	0	0	19.6376	11.4542	0.690002	57.4854	89.1139	0	0	0
5629	11	10.6568	37.8571	0	10.8329	0	0	21.4329	10.931	0.727856	53.9745	87.4201	0	0	0
5630	11	13.4232	34.75	0	10.7019	0	0	19.8161	10.6756	0.700002	56.3425	88.0782	0	0	0
5634	11	10.2496	46.0714	0	13.3443	0	0	21.089	10.6585	0.699284	54.3827	88.9047	0	0	0
5635	11	12.7804	48.75	0	13.304	0	0	20.0447	10.7613	0.695002	58.2354	89.6853	0	0	0
5636	11	10.6721	37.2857	0	10.8068	0	0	21.2165	11.331	0.730713	55.2092	88.3486	0	0	0
5637	11	13.4232	34.5	0	10.7017	0	0	20.0161	10.947	0.690002	57.9139	88.7925	0	0	0
5638	11	10.6108	42.5357	0	10.8898	0	0	20.1298	11.0003	0.715713	53.7143	87.7313	0	0	0
5639	11	13.4232	42.75	0	10.5879	0	0	19.2447	11.9327	0.705002	56.9854	88.0068	0	0	0
5640	11	10.6292	42.5714	0	11.061	0	0	21.3165	10.0728	0.70357	55.1225	89.2976	0	0	0
5641	11	13.4232	43	0	10.5555	0	0	20.5661	9.44703	0.710002	58.4854	89.8639	0	0	0
5644	11	10.5374	70.7143	0	10.0245	0	0	21.5329	11.2636	0.747141	52.7092	85.8996	0	0	0
5645	11	13.4232	76.5	0	9.9222	0	0	20.6447	11.9756	0.700002	57.4497	86.5425	0	0	0
5657	11	12.55	79.97	0	0	0.1034	0	34.16	13.35	1.7	49.07	85.83	0	0	0
5658	11	10.0586	79.97	0	0	0.1034	0	34.16	13.35	1.7	47.1271	84.8071	0	0	0
5659	11	8.19	79.97	0	0	0.1034	0	34.16	13.35	1.7	45.67	84.04	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
5687	11	12.3901	63.7275	0	0	0.1034	0	32.3247	12.2571	1.38267	50.6079	85.8798	0	0	0
5688	11	9.87494	63.7275	0	0	0.1034	0	32.3178	12.2571	1.40234	48.5095	85.003	0	0	0
5689	11	7.98851	63.7275	0	0	0.1034	0	32.3126	12.2571	1.4171	46.9358	84.3455	0	0	0
5764	11	12.2302	47.485	0	0	0.1034	0	30.4894	11.1643	1.06534	52.1457	85.9296	0	0	0
5813	11	6.8	114	0	0	0	1	20.2	11.2	0.5	47.3	85	0	0	0
5814	11	12.9	161	0	0	0	2.1	22.2	9.1	0.7	56	86.2	0	0	0
5815	11	10.7	157.57	0	0	0	2	23.2	9	0.7	53.3	85.6	0	0	0
5816	11	7.9	153	0	0	0	1.7	24.6	8.9	0.6	49.6	85	0	0	0
5817	11	6.9	131	0	0	0	2	18.4	9.6	0.6	49.1	85.5	0	0	0
5818	11	6.9	135	0	0	0	1.9	19	10.1	0.5	49.4	86.1	0	0	0
5824	11	13.1	158.625	0	0	0	11.3833	18.435	10.715	0.6	56.25	85.565	0	0	0
5825	11	10.4214	139.971	0	0	0	11.7835	19.3271	10.9029	0.610714	53.2857	84.7871	0	0	0
5826	11	6.85	115.1	0	0	0	12.2493	20.5	11.22	0.625	49.35	83.75	0	0	0
5827	11	13.1	168.125	0	0	0	11.3833	18.335	10.765	0.55	55.5	85.415	0	0	0
5828	11	10.4214	147.756	0	0	0	11.7835	19.0771	10.8529	0.610714	53.0357	84.6371	0	0	0
5829	11	6.85	120.6	0	0	0	12.2493	20.1	10.97	0.625	49.7	83.65	0	0	0
5833	11	11.9	272	0	0	0	1.3	21	9.8	0.8	56.1	84.1	0	0	0
5834	11	9.1	250.29	0	0	0	1	23.8	10.4	0.8	52.2	82.9	0	0	0
5835	11	11.9	245	0	0	0	1.1	17	9.4	0.6	55.6	85.4	0	0	0
5836	11	9	194.71	0	0	0	1.1	17.9	9.6	0.6	52.6	84.5	0	0	0
5837	11	6.8	157	0	0	0	1	18.6	9.7	0.6	50.3	83.8	0	0	0
5838	11	12.075	49.485	0	0	0	0.1034	28.03	9.625	1.1	51.535	88.315	0	0	0
5839	11	9.52929	49	0	0	0	0.1034	28.13	9.325	1.1	49.4136	87.4536	0	0	0
5840	11	7.645	48.635	0	0	0	0.1034	28.23	9.125	1.1	47.835	86.77	0	0	0
5841	11	8.595	49	0	0	0	0.1034	28.13	9.325	1.1	48.685	87.07	0	0	0
5842	11	10.8293	49.485	0	0	0	0.1034	28.03	9.625	1.1	50.5636	87.8036	0	0	0
5846	11	11.3	168.75	0	0	0	11.6607	18.77	10.46	0.7	55.575	84.95	0	0	0
5847	11	9.36214	150.537	0	0	0	11.8858	19.3664	10.4893	0.693571	52.9071	84.575	0	0	0
5848	11	6.845	126.25	0	0	0	12.4579	20.145	10.545	0.685	49.3	84.075	0	0	0
5849	11	13.25	178.25	0	0	0	11.1217	17.845	10.26	0.59	55.75	84.575	0	0	0
5850	11	10.5093	152.751	0	0	0	11.5663	18.9107	10.6157	0.605	52.9107	84.1286	0	0	0
5851	11	10.4129	142.178	0	0	0	11.6882	19.1271	10.3271	0.617143	52.8593	84.1929	0	0	0
5852	11	6.83	121.75	0	0	0	11.8898	20.39	10.99	0.64	49.775	83.3	0	0	0
5865	11	8.98286	122.591	0	0	0	12.4171	20.0771	10.9593	0.612857	51.6264	83.7736	0	0	0
5866	11	6.82	107.1	0	0	0	12.4039	20.89	11.14	0.63	48.96	83.61	0	0	0
5867	11	11.9	162.75	0	0	0	10.1689	17.48	11.115	0.625	56.875	85.4	0	0	0
5868	11	9.06143	137.891	0	0	0	9.24339	18.6529	11.4379	0.647857	53.5321	84.4214	0	0	0
5869	11	6.92	119.25	0	0	0	8.55707	19.545	11.655	0.665	51	83.675	0	0	0
5896	11	7.92	121.67	0	0	0	12.4171	20.69	10.94	0.63	50.36	83.51	0	0	0
6040	11	12.78	122.295	0	0	0	0.4859	22.615	11.83	0.9	53.945	86.83	0	0	0
6041	11	10.3743	116.08	0	0	0	0.4859	22.515	11.83	0.85	50.9107	86.0321	0	0	0
6042	11	7.15	107.795	0	0	0	0.4859	22.415	11.78	0.8	46.865	84.985	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6050	11	10.325	89.2857	0	0	0	12.4869	20.4829	10.4529	0.659286	53.9429	86.9864	0	0	0
6051	11	6.875	80.335	0	0	0	12.6198	21.6	10.66	0.635	49.2	85.985	0	0	0
6066	11	10.085	111.716	0	0	0	9.26971	19.7357	10.7314	0.649286	54.1143	87.1536	0	0	0
6067	11	6.865	95	0	0	0	8.60749	21.26	10.59	0.605	48.95	85.775	0	0	0
6068	11	6.855	63.5	0	0	0	11.9564	22.895	10.015	0.785	50.4	85.55	0	0	0
6069	11	10.3507	110.786	0	0	0	8.34914	19.895	10.1214	0.653571	54.6321	87.2786	0	0	0
6070	11	6.885	92.5	0	0	0	8.24272	20.845	10.61	0.645	49.775	85.95	0	0	0
6084	11	6.81	76.29	0	0	0	12.5919	22.29	12	0.71	48.44	83.71	0	0	0
6092	11	7.2086	31.2425	0	0	0	0.1034	25.4975	7.6125	0.851288	52.3336	85.644	0	0	0
6095	11	12.55	79.97	0	0	0	0.1034	34.16	13.35	1.7	49.07	85.83	0	0	0
6096	11	10.0586	79.97	0	0	0	0.1034	34.16	13.35	1.7	47.1271	84.8071	0	0	0
6097	11	8.19	79.97	0	0	0	0.1034	34.16	13.35	1.7	45.67	84.04	0	0	0
6101	11	10.8	93.5	0	0	0	11.6607	18.14	10.32	0.7	57.15	85.4	0	0	0
6102	11	9.12429	92.2143	0	0	0	11.8858	19.2329	10.7786	0.687143	53.9143	84.65	0	0	0
6103	11	6.89	90.5	0	0	0	12.4579	20.69	11.39	0.67	49.6	83.65	0	0	0
6104	11	13.4	106.5	0	0	0	11.1217	17.99	9.92	0.58	56.6	83.95	0	0	0
6105	11	10.6186	94.0714	0	0	0	11.5663	19.1214	10.6314	0.61	53.3214	83.4571	0	0	0
6106	11	6.91	77.5	0	0	0	12.1711	20.63	11.58	0.65	48.95	82.8	0	0	0
6107	11	13.1	85	0	0	0	11.4865	18.61	9.16	0.6	55.87	84.5	0	0	0
6108	11	10.4257	84.7857	0	0	0	11.6882	19.7543	10.4543	0.634286	53.4186	83.6857	0	0	0
6109	11	6.86	84.5	0	0	0	11.8898	21.28	12.18	0.68	50.15	82.6	0	0	0
6117	11	11.9	67.5	0	0	0	12.4428	18.82	12.17	0.58	56.13	84.35	0	0	0
6118	11	9.06571	65.0429	0	0	0	12.4171	20.4543	12.1186	0.625714	52.7529	83.6471	0	0	0
6119	11	6.94	63.2	0	0	0	12.4039	21.68	12.08	0.66	50.22	83.12	0	0	0
6120	11	11.9	80.5	0	0	0	12.0749	17.96	12.83	0.65	58.15	85.4	0	0	0
6121	11	9.12286	81.0714	0	0	0	12.1352	19.4057	13.2757	0.695714	54.4643	84.3429	0	0	0
6122	11	7.04	81.5	0	0	0	12.1878	20.49	13.61	0.73	51.7	83.55	0	0	0
6139	11	6.94	63.2	0	0	0	12.4171	21.68	12.08	0.66	50.22	83.12	0	0	0
6195	11	6.96	54.5	0	0	0	11.794	22.8	12.82	0.62	48	84.85	0	0	0
6205	11	12.9	52	0	0	0	12.2988	19.54	10.62	0.68	57.3	87.2	0	0	0
6206	11	10.35	51.0014	0	0	0	12.4869	21.3657	11.0057	0.718571	54.3857	86.3729	0	0	0
6207	11	6.95	49.67	0	0	0	12.6198	23.8	11.52	0.77	50.5	85.27	0	0	0
6214	11	10.07	62.1429	0	0	0	14.6013	21.5714	10.2629	0.698571	54.1286	86.9071	0	0	0
6215	11	6.83	55	0	0	0	14.6226	23.52	11.08	0.71	48.5	85.45	0	0	0
6216	11	13.4	39	0	0	0	11.6829	20.07	9.91	0.68	57.9	86.75	0	0	0
6217	11	10.6614	44.5714	0	0	0	11.864	21.75	11.2043	0.761429	55.2857	86.1286	0	0	0
6218	11	7.01	52	0	0	0	11.9564	23.99	12.93	0.87	51.8	85.3	0	0	0
6219	11	6.81	54.5	0	0	0	12.3351	21.88	10.01	0.76	48.65	84.75	0	0	0
6220	11	10.6014	55.1429	0	0	0	12.6529	21.89	9.44286	0.707143	55.1643	87.4571	0	0	0
6221	11	6.87	54	0	0	0	12.8274	23.29	11.62	0.69	50.45	86.4	0	0	0
6223	11	6.83551	64.7175	0	0	0	12.5919	21.9464	11.5893	0.707497	48.8214	85.1655	0	0	0
6233	11	12.3901	63.7275	0	0	0	0.1034	32.3247	12.2571	1.38267	50.6079	85.8798	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6234	11	9.87494	63.7275	0	0	0	0.1034	32.3178	12.2571	1.40234	48.5095	85.003	0	0	0
6235	11	7.98851	63.7275	0	0	0	0.1034	32.3126	12.2571	1.4171	46.9358	84.3455	0	0	0
6239	11	11.183	77.625	0	0	0	11.6607	18.3888	10.7799	0.731251	57.2641	86.6141	0	0	0
6240	11	9.34921	76.6607	0	0	0	11.8858	19.3258	10.9027	0.708213	54.072	85.9712	0	0	0
6241	11	6.90408	75.375	0	0	0	12.4579	20.575	11.0664	0.677497	49.8157	85.1141	0	0	0
6242	11	13.4116	87.375	0	0	0	11.1217	18.2602	10.4371	0.641251	56.7927	85.3712	0	0	0
6243	11	10.63	78.0536	0	0	0	11.5663	19.2302	10.7766	0.650356	53.5638	84.9488	0	0	0
6244	11	6.92123	65.625	0	0	0	12.1711	20.5235	11.2293	0.662497	49.2586	84.3855	0	0	0
6245	11	13.1545	71.25	0	0	0	11.4865	18.7916	9.78566	0.656251	56.167	85.8427	0	0	0
6246	11	10.4647	71.0893	0	0	0	11.6882	19.7727	10.6248	0.66857	53.6471	85.1447	0	0	0
6247	11	6.87837	70.875	0	0	0	11.8898	21.0807	11.7436	0.684997	50.2871	84.2141	0	0	0
6258	11	11.8678	58.125	0	0	0	12.4428	18.932	12.0965	0.641251	56.1207	84.7882	0	0	0
6259	11	9.0568	56.2821	0	0	0	12.4171	20.3091	11.4634	0.657677	52.8844	84.1858	0	0	0
6260	11	6.94857	54.9	0	0	0	12.4039	21.342	10.9886	0.669997	50.4571	83.734	0	0	0
6261	11	11.8678	67.875	0	0	0	12.0749	18.1949	12.6622	0.693751	57.8521	85.6882	0	0	0
6262	11	9.10578	68.3036	0	0	0	12.1352	19.4103	12.4552	0.710177	54.3513	84.7822	0	0	0
6263	11	7.03429	68.625	0	0	0	12.1878	20.322	12.3	0.722497	51.7257	84.1025	0	0	0
6289	11	6.94857	54.9	0	0	0	12.4171	21.342	10.9886	0.669997	50.4571	83.734	0	0	0
6404	11	6.96408	48.375	0	0	0	11.794	22.3835	12.2921	0.639997	48.4443	86.1427	0	0	0
6425	11	12.983	46.5	0	0	0	12.2988	19.5888	11.0371	0.685001	57.3927	88.157	0	0	0
6426	11	10.3998	45.7511	0	0	0	12.4869	21.1539	11.0974	0.713928	54.476	87.448	0	0	0
6427	11	6.95551	44.7525	0	0	0	12.6198	23.2407	11.1778	0.752497	50.5871	86.5027	0	0	0
6442	11	10.1598	54.1071	0	0	0	14.6013	21.3302	10.4607	0.698928	54.2556	87.9059	0	0	0
6443	11	6.85265	48.75	0	0	0	14.6226	23.0007	10.8007	0.707497	48.8729	86.657	0	0	0
6444	11	10.6667	40.9286	0	0	0	11.864	21.4833	11.2676	0.746071	55.2474	87.2386	0	0	0
6445	11	7.00694	46.5	0	0	0	11.9564	23.4035	12.3864	0.827497	51.7014	86.5284	0	0	0
6446	11	6.83551	48.375	0	0	0	12.3351	21.595	9.88355	0.744997	49.0014	86.057	0	0	0
6447	11	10.6153	48.8571	0	0	0	12.6529	21.6033	9.75782	0.705356	55.1434	88.3773	0	0	0
6448	11	6.88694	48	0	0	0	12.8274	22.8035	11.2636	0.692497	50.5443	87.4712	0	0	0
6466	11	12.2302	47.485	0	0	0	0.1034	30.4894	11.1643	1.06534	52.1457	85.9296	0	0	0
6469	11	9.57412	61.1071	0	0	0	11.8858	19.4186	11.0269	0.729283	54.2296	87.2925	0	0	0
6470	11	11.5661	61.75	0	0	0	11.6607	18.6376	11.2399	0.762501	57.3782	87.8282	0	0	0
6471	11	10.6415	62.0357	0	0	0	11.5663	19.339	10.9217	0.690712	53.8061	86.4404	0	0	0
6472	11	13.4232	68.25	0	0	0	11.1217	18.5304	10.9542	0.702501	56.9854	86.7925	0	0	0
6473	11	10.5037	57.3929	0	0	0	11.6882	19.791	10.7952	0.702855	53.8755	86.6037	0	0	0
6474	11	13.2089	57.5	0	0	0	11.4865	18.9733	10.4113	0.712501	56.4639	87.1853	0	0	0
6482	11	9.04788	47.5214	0	0	0	12.4171	20.164	10.8083	0.68964	53.0159	84.7244	0	0	0
6483	11	11.8355	48.75	0	0	0	12.4428	19.044	12.023	0.702501	56.1114	85.2265	0	0	0
6484	11	9.0887	55.5357	0	0	0	12.1352	19.415	11.6348	0.72464	54.2383	85.2214	0	0	0
6485	11	11.8355	55.25	0	0	0	12.0749	18.4297	12.4944	0.737501	57.5543	85.9765	0	0	0
6580	11	10.4496	40.5007	0	0	0	12.4869	20.942	11.1891	0.709284	54.5663	88.5231	0	0	0
6581	11	13.0661	41	0	0	0	12.2988	19.6376	11.4542	0.690002	57.4854	89.1139	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6593	11	10.6721	37.2857	0	0	0	11.864	21.2165	11.331	0.730713	55.2092	88.3486	0	0	0
6621	11	12.83	22.155	0	0	0	0	21.54	4.78	0.59	56.8	88.58	0	0	0
6622	11	9.53714	22.8586	0	0	0	0	21.9629	4.65143	0.607143	52.0157	88.22	0	0	0
6623	11	12.73	16.505	0	0	0	0	22.09	5.23	0.54	55.95	89.93	0	0	0
6624	11	9.48714	14.6686	0	0	0	0	22.5129	4.80143	0.557143	51.4657	89.42	0	0	0
6625	11	10.7871	15.1536	0	0	0	0	22.4129	5.10143	0.557143	52.6157	89.77	0	0	0
6626	11	13.1	157.5	0	0	0	0	18.205	9.83	0.55	55.135	84.9	0	0	0
6667	11	6.87	87.585	0	0	0	0	21.065	11.64	0.575	47.49	85.19	0	0	0
6706	11	10.3743	116.08	0	0	0	0	22.515	11.83	0.85	50.9107	86.0321	0	0	0
6723	11	10.5879	114.536	0	0	0	0	19.7143	10.3707	0.665714	53.0464	85.3321	0	0	0
6758	11	7.19901	35.5	0	0	0	0	20.765	10.935	0.74249	56.2407	82.7053	0	0	0
6766	11	7.2086	31.2425	0	0	0	0	25.4975	7.6125	0.851288	52.3336	85.644	0	0	0
6767	11	7.20896	30	0	0	0	0	19.7332	11.3908	0.675004	56.9799	82.1561	0	0	0
6770	11	7.21729	26.5	0	0	0	0	18.8	8.5675	0.74749	54.9157	83.2178	0	0	0
6771	11	7.21729	41.5425	0	0	0	0	19.28	8.8775	0.73499	54.8407	82.1478	0	0	0
6773	11	7.22979	36.625	0	0	0	0	19.0975	9.1725	0.73499	54.8457	81.9478	0	0	0
6774	11	7.23266	30	0	0	0	0	18.4458	13.2447	0.566674	56.4603	81.183	0	0	0
6776	11	7.23979	25	0	0	0	0	18.615	9.085	0.76749	54.8657	83.3428	0	0	0
6788	11	13.86	14.01	0	0	0	0	22.28	4.56	0.58	57.9	89.06	0	0	0
6789	11	9.97429	11.3071	0	0	0	0	22.9257	4.30286	0.614286	51.2314	88.74	0	0	0
6790	11	7.06	9.28	0	0	0	0	23.41	4.11	0.64	46.23	88.5	0	0	0
6791	11	11.25	19.54	0	0	0	0	19.73	6.33	0.6	49.21	87.33	0	0	0
6792	11	8.83286	13.3914	0	0	0	0	20.49	5.15286	0.571429	46.0671	87.4957	0	0	0
6793	11	7.02	8.78	0	0	0	0	21.06	4.27	0.55	43.71	87.62	0	0	0
6859	11	13.4	97	0	0	0	0	20.66	9.78	0.85	58	87	0	0	0
6860	11	10.64	78.7857	0	0	0	0	21.5771	11.0829	0.751429	53.7143	86.0786	0	0	0
6875	11	12.9	52	0	0	0	0	19.54	10.62	0.68	57.3	87.2	0	0	0
6876	11	10.35	51.0014	0	0	0	0	21.3657	11.0057	0.718571	54.3857	86.3729	0	0	0
6877	11	6.95	49.67	0	0	0	0	23.8	11.52	0.77	50.5	85.27	0	0	0
6884	11	12.5	67.5	0	0	0	0	20.11	9.65	0.69	58.35	88	0	0	0
6885	11	10.07	62.1429	0	0	0	0	21.5714	10.2629	0.698571	54.1286	86.9071	0	0	0
6886	11	6.83	55	0	0	0	0	23.52	11.08	0.71	48.5	85.45	0	0	0
6887	11	13.4	56	0	0	0	0	20.84	7.81	0.72	58.7	88.25	0	0	0
6888	11	10.6014	55.1429	0	0	0	0	21.89	9.44286	0.707143	55.1643	87.4571	0	0	0
6889	11	6.87	54	0	0	0	0	23.29	11.62	0.69	50.45	86.4	0	0	0
6906	11	8.22772	85.9425	0	0	0	0	19.9681	10.935	1.025	56.7472	83.7355	0	0	0
6914	11	7.56451	85.9425	0	0	0	0	24.8912	8.04143	1	52.4477	85.9138	0	0	0
6915	11	7.94849	85.9425	0	0	0	0	19.4551	11.3061	1.01429	56.9734	83.1188	0	0	0
6918	11	8.11215	87.1875	0	0	0	0	18.9545	9.2778	0.656251	55.349	84.7436	0	0	0
6919	11	7.71463	79.4571	0	0	0	0	19.3661	9.27323	0.658927	54.866	83.8265	0	0	0
6921	11	7.19533	69.15	0	0	0	0	19.21	9.16569	0.662497	54.312	83.6551	0	0	0
6922	11	7.19779	69.15	0	0	0	0	18.6514	12.6562	0.662497	55.696	82.9995	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
6924	11	7.2039	69.15	0	0	0	0	18.7964	9.09069	0.662497	54.3292	84.8508	0	0	0
6930	11	8.11215	62.7	0	0	0	0	18.9545	9.2778	0.723751	55.349	84.7436	0	0	0
6931	11	7.71463	63.5646	0	0	0	0	19.3661	9.27323	0.716785	54.866	83.8265	0	0	0
6933	11	7.19533	64.7175	0	0	0	0	19.21	9.16569	0.707497	54.312	83.6551	0	0	0
6934	11	7.19779	64.7175	0	0	0	0	18.6514	12.6562	0.707497	55.696	82.9995	0	0	0
6936	11	7.2039	64.7175	0	0	0	0	18.7964	9.09069	0.707497	54.3292	84.8508	0	0	0
6942	11	8.11215	114.75	0	0	0	0	18.9545	9.2778	0.723751	55.349	84.7436	0	0	0
6943	11	7.71463	100.446	0	0	0	0	19.3661	9.27323	0.739285	54.866	83.8265	0	0	0
6945	11	7.19533	81.375	0	0	0	0	19.21	9.16569	0.759997	54.312	83.6551	0	0	0
6946	11	7.19779	81.375	0	0	0	0	18.6514	12.6562	0.759997	55.696	82.9995	0	0	0
6948	11	7.2039	81.375	0	0	0	0	18.7964	9.09069	0.759997	54.3292	84.8508	0	0	0
6962	11	13.513	14.2575	0	0	0	0	22.1418	4.72286	0.54267	58.1764	88.6484	0	0	0
6963	11	9.80267	12.2304	0	0	0	0	22.6884	4.50245	0.588056	52.0275	88.3741	0	0	0
6964	11	7.01994	10.71	0	0	0	0	23.0983	4.33714	0.622096	47.4158	88.1684	0	0	0
6965	11	11.2758	18.405	0	0	0	0	19.9561	6.24	0.55767	50.7279	87.1655	0	0	0
6966	11	8.8243	13.7936	0	0	0	0	20.6006	5.23102	0.555913	47.6009	87.3075	0	0	0
6967	11	6.98566	10.335	0	0	0	0	21.084	4.47429	0.554596	45.2558	87.4141	0	0	0
7062	11	13.4116	80.25	0	0	0	0	20.5488	10.3171	0.812501	57.9927	87.9855	0	0	0
7063	11	10.6484	66.5893	0	0	0	0	21.3351	11.1636	0.738571	53.9005	87.1958	0	0	0
7075	11	12.983	46.5	0	0	0	0	19.5888	11.0371	0.685001	57.3927	88.157	0	0	0
7076	11	10.3998	45.7511	0	0	0	0	21.1539	11.0974	0.713928	54.476	87.448	0	0	0
7086	11	12.6402	58.125	0	0	0	0	20.0774	10.2057	0.692501	58.2927	88.8427	0	0	0
7087	11	10.1598	54.1071	0	0	0	0	21.3302	10.4607	0.698928	54.2556	87.9059	0	0	0
7088	11	6.85265	48.75	0	0	0	0	23.0007	10.8007	0.707497	48.8729	86.657	0	0	0
7093	11	13.4116	49.5	0	0	0	0	20.7031	8.62851	0.715001	58.5927	89.057	0	0	0
7094	11	10.6153	48.8571	0	0	0	0	21.6033	9.75782	0.705356	55.1434	88.3773	0	0	0
7119	11	9.25644	67.295	0	0	0	0	19.1712	10.935	0.95	57.2538	84.7658	0	0	0
7123	11	9.00701	68.125	0	0	0	0	19.109	9.9881	0.712501	55.7823	86.2695	0	0	0
7124	11	8.21198	62.9714	0	0	0	0	19.4523	9.66896	0.696426	54.8913	85.5052	0	0	0
7126	11	9.00701	51.8	0	0	0	0	19.109	9.9881	0.757501	55.7823	86.2695	0	0	0
7127	11	8.21198	52.3764	0	0	0	0	19.4523	9.66896	0.734998	54.8913	85.5052	0	0	0
7129	11	9.00701	86.5	0	0	0	0	19.109	9.9881	0.757501	55.7823	86.2695	0	0	0
7130	11	8.21198	76.9643	0	0	0	0	19.4523	9.66896	0.749998	54.8913	85.5052	0	0	0
7135	11	13.1659	14.505	0	0	0	0	22.0037	4.88571	0.50534	58.4529	88.2368	0	0	0
7136	11	11.3017	17.27	0	0	0	0	20.1822	6.15	0.51534	52.2457	87.0011	0	0	0
7191	11	10.6568	54.3929	0	0	0	0	21.093	11.2442	0.725713	54.0868	88.3129	0	0	0
7192	11	13.4232	63.5	0	0	0	0	20.4376	10.8542	0.775002	57.9854	88.9711	0	0	0
7202	11	13.0661	41	0	0	0	0	19.6376	11.4542	0.690002	57.4854	89.1139	0	0	0
7211	11	10.2496	46.0714	0	0	0	0	21.089	10.6585	0.699284	54.3827	88.9047	0	0	0
7212	11	12.7804	48.75	0	0	0	0	20.0447	10.7613	0.695002	58.2354	89.6853	0	0	0
7215	11	10.6292	42.5714	0	0	0	0	21.3165	10.0728	0.70357	55.1225	89.2976	0	0	0
7216	11	13.4232	43	0	0	0	0	20.5661	9.44703	0.710002	58.4854	89.8639	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7230	11	6.68959	63	0	0	0	0	22.7171	10.3142	0.809993	46.3886	85.0425	0	0	0
7231	11	6.86102	53.145	0	0	0	0	21.6028	11.1785	0.704993	49.2029	86.6211	0	0	0
7243	11	7.91429	67.295	0	0	0	0	21.2153	6.60429	0.9	51.3234	87.4378	0	0	0
7247	11	7.92043	67.295	0	0	0	0	24.2849	8.47036	0.9	52.5617	86.1835	0	0	0
7248	11	8.68803	67.295	0	0	0	0	19.1771	11.2214	0.928571	56.967	84.0815	0	0	0
7251	11	7.16087	56.1	0	0	0	0	19.3224	9.15889	0.674993	53.7784	85.3623	0	0	0
7252	11	7.16292	56.1	0	0	0	0	18.8569	12.0676	0.674993	54.9316	84.8161	0	0	0
7254	11	7.16802	56.1	0	0	0	0	18.9778	9.09639	0.674993	53.7926	86.3588	0	0	0
7260	11	7.16087	53.145	0	0	0	0	19.3224	9.15889	0.704993	53.7784	85.3623	0	0	0
7261	11	7.16292	53.145	0	0	0	0	18.8569	12.0676	0.704993	54.9316	84.8161	0	0	0
7263	11	7.16802	53.145	0	0	0	0	18.9778	9.09639	0.704993	53.7926	86.3588	0	0	0
7269	11	7.16087	64.25	0	0	0	0	19.3224	9.15889	0.739993	53.7784	85.3623	0	0	0
7270	11	7.16292	64.25	0	0	0	0	18.8569	12.0676	0.739993	54.9316	84.8161	0	0	0
7272	11	7.16802	64.25	0	0	0	0	18.9778	9.09639	0.739993	53.7926	86.3588	0	0	0
7284	11	9.63106	13.1536	0	0	0	0	22.451	4.70204	0.561827	52.8235	88.0082	0	0	0
7285	11	6.97989	12.14	0	0	0	0	22.7865	4.56429	0.604192	48.6015	87.8367	0	0	0
7286	11	8.81575	14.1957	0	0	0	0	20.7112	5.30919	0.540398	49.1347	87.1194	0	0	0
7287	11	6.95131	11.89	0	0	0	0	21.108	4.67857	0.559192	46.8015	87.2082	0	0	0
7288	11	12.2302	47.485	0	0	0	0	30.4894	11.1643	1.06534	52.1457	85.9296	0	0	0
7289	11	9.69128	47.485	0	0	0	0	30.4755	11.1643	1.10468	49.8919	85.199	0	0	0
7290	11	7.78703	47.485	0	0	0	0	30.4651	11.1643	1.13419	48.2015	84.651	0	0	0
7294	11	11.5661	61.75	0	0	0	0	18.6376	11.2399	0.762501	57.3782	87.8282	0	0	0
7295	11	9.57412	61.1071	0	0	0	0	19.4186	11.0269	0.729283	54.2296	87.2925	0	0	0
7296	11	6.91817	60.25	0	0	0	0	20.4599	10.7428	0.684993	50.0314	86.5782	0	0	0
7297	11	13.4232	68.25	0	0	0	0	18.5304	10.9542	0.702501	56.9854	86.7925	0	0	0
7298	11	10.6415	62.0357	0	0	0	0	19.339	10.9217	0.690712	53.8061	86.4404	0	0	0
7299	11	6.93245	53.75	0	0	0	0	20.4171	10.8785	0.674993	49.5671	85.9711	0	0	0
7300	11	13.2089	57.5	0	0	0	0	18.9733	10.4113	0.712501	56.4639	87.1853	0	0	0
7301	11	10.5037	57.3929	0	0	0	0	19.791	10.7952	0.702855	53.8755	86.6037	0	0	0
7302	11	6.89674	57.25	0	0	0	0	20.8813	11.3071	0.689993	50.4243	85.8282	0	0	0
7314	11	11.8355	48.75	0	0	0	0	19.044	12.023	0.702501	56.1114	85.2265	0	0	0
7315	11	9.04788	47.5214	0	0	0	0	20.164	10.8083	0.68964	53.0159	84.7244	0	0	0
7316	11	6.95714	46.6	0	0	0	0	21.004	9.89715	0.679993	50.6942	84.3479	0	0	0
7317	11	11.8355	55.25	0	0	0	0	18.4297	12.4944	0.737501	57.5543	85.9765	0	0	0
7318	11	9.0887	55.5357	0	0	0	0	19.415	11.6348	0.72464	54.2383	85.2214	0	0	0
7319	11	7.02857	55.75	0	0	0	0	20.154	10.99	0.714993	51.7514	84.6551	0	0	0
7353	11	6.95714	46.6	0	0	0	0	21.004	9.89715	0.679993	50.6942	84.3479	0	0	0
7432	11	12.7804	58.085	0	0	0	0	20.5519	10.8113	0.715002	57.1782	88.5568	0	0	0
7433	11	10.2833	52.7279	0	0	0	0	20.892	10.9932	0.697856	53.5275	88.2384	0	0	0
7434	11	6.95388	45.585	0	0	0	0	21.3456	11.2357	0.674993	48.66	87.8139	0	0	0
7459	11	13.4232	51.8	0	0	0	0	19.2804	11.2685	0.695002	56.3425	87.5853	0	0	0
7460	11	10.6108	52.3764	0	0	0	0	20.2758	11.23	0.699284	53.2827	87.1721	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7515	11	13.4232	63.5	0	0	0	0	20.4376	10.8542	0.775002	57.9854	88.9711	0	0	0
7516	11	10.6568	54.3929	0	0	0	0	21.093	11.2442	0.725713	54.0868	88.3129	0	0	0
7517	11	6.96817	42.25	0	0	0	0	21.9671	11.7642	0.659993	48.8886	87.4353	0	0	0
7543	11	13.0661	41	0	0	0	0	19.6376	11.4542	0.690002	57.4854	89.1139	0	0	0
7544	11	10.4496	40.5007	0	0	0	0	20.942	11.1891	0.709284	54.5663	88.5231	0	0	0
7545	11	6.96102	39.835	0	0	0	0	22.6813	10.8357	0.734993	50.6743	87.7353	0	0	0
7559	11	13.4232	34.75	0	0	0	0	19.8161	10.6756	0.700002	56.3425	88.0782	0	0	0
7560	11	10.6568	37.8571	0	0	0	0	21.4329	10.931	0.727856	53.9745	87.4201	0	0	0
7561	11	6.96817	42	0	0	0	0	23.5885	11.2714	0.764993	50.8171	86.5425	0	0	0
7564	11	12.7804	48.75	0	0	0	0	20.0447	10.7613	0.695002	58.2354	89.6853	0	0	0
7565	11	10.2496	46.0714	0	0	0	0	21.089	10.6585	0.699284	54.3827	88.9047	0	0	0
7566	11	6.87531	42.5	0	0	0	0	22.4813	10.5214	0.704993	49.2457	87.8639	0	0	0
7569	11	13.4232	34.5	0	0	0	0	20.0161	10.947	0.690002	57.9139	88.7925	0	0	0
7570	11	10.6721	37.2857	0	0	0	0	21.2165	11.331	0.730713	55.2092	88.3486	0	0	0
7571	11	7.00388	41	0	0	0	0	22.8171	11.8428	0.784993	51.6029	87.7568	0	0	0
7572	11	13.4232	42.75	0	0	0	0	19.2447	11.9327	0.705002	56.9854	88.0068	0	0	0
7573	11	10.6108	42.5357	0	0	0	0	20.1298	11.0003	0.715713	53.7143	87.7313	0	0	0
7574	11	6.86102	42.25	0	0	0	0	21.3099	9.7571	0.729993	49.3529	87.3639	0	0	0
7576	11	13.4232	43	0	0	0	0	20.5661	9.44703	0.710002	58.4854	89.8639	0	0	0
7577	11	10.6292	42.5714	0	0	0	0	21.3165	10.0728	0.70357	55.1225	89.2976	0	0	0
7578	11	6.90388	42	0	0	0	0	22.3171	10.9071	0.694993	50.6386	88.5425	0	0	0
7585	11	13.4232	76.5	0	0	0	0	20.6447	11.9756	0.700002	57.4497	86.5425	0	0	0
7586	11	10.5374	70.7143	0	0	0	0	21.5329	11.2636	0.747141	52.7092	85.8996	0	0	0
7602	11	6.74939	46.5	0	0	0	0	22.1506	10.0764	0.75499	47.3329	86.8137	0	0	0
7603	11	6.88653	41.5725	0	0	0	0	21.2592	10.7678	0.70249	49.5843	88.0766	0	0	0
7618	11	10.2851	48.6475	0	0	0	0	18.3743	10.935	0.875	57.7603	85.796	0	0	0
7623	11	8.27143	48.6475	0	0	0	0	21.2229	7.40643	0.8	51.6851	87.4567	0	0	0
7627	11	8.27634	48.6475	0	0	0	0	23.6786	8.89929	0.8	52.6758	86.4533	0	0	0
7628	11	9.42756	48.6475	0	0	0	0	18.899	11.1367	0.842857	56.9605	85.0442	0	0	0
7631	11	9.90187	49.0625	0	0	0	0	19.2635	10.6984	0.768752	56.2156	87.7953	0	0	0
7632	11	8.70932	46.4857	0	0	0	0	19.5384	10.0647	0.733925	54.9166	87.1839	0	0	0
7634	11	7.12641	43.05	0	0	0	0	19.4349	9.15208	0.68749	53.2447	87.0696	0	0	0
7635	11	7.12805	43.05	0	0	0	0	19.0625	11.4791	0.68749	54.1673	86.6326	0	0	0
7637	11	7.13213	43.05	0	0	0	0	19.1592	9.10208	0.68749	53.2561	87.8668	0	0	0
7643	11	9.90187	40.9	0	0	0	0	19.2635	10.6984	0.791252	56.2156	87.7953	0	0	0
7644	11	8.70932	41.1882	0	0	0	0	19.5384	10.0647	0.753211	54.9166	87.1839	0	0	0
7646	11	7.12641	41.5725	0	0	0	0	19.4349	9.15208	0.70249	53.2447	87.0696	0	0	0
7647	11	7.12805	41.5725	0	0	0	0	19.0625	11.4791	0.70249	54.1673	86.6326	0	0	0
7649	11	7.13213	41.5725	0	0	0	0	19.1592	9.10208	0.70249	53.2561	87.8668	0	0	0
7655	11	9.90187	58.25	0	0	0	0	19.2635	10.6984	0.791252	56.2156	87.7953	0	0	0
7656	11	8.70932	53.4821	0	0	0	0	19.5384	10.0647	0.760711	54.9166	87.1839	0	0	0
7658	11	7.12641	47.125	0	0	0	0	19.4349	9.15208	0.71999	53.2447	87.0696	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7659	11	7.12805	47.125	0	0	0	0	19.0625	11.4791	0.71999	54.1673	86.6326	0	0	0
7661	11	7.13213	47.125	0	0	0	0	19.1592	9.10208	0.71999	53.2561	87.8668	0	0	0
7675	11	12.8189	14.7525	0	0	0	0	21.8655	5.04857	0.46801	58.7293	87.8252	0	0	0
7676	11	9.45944	14.0768	0	0	0	0	22.2137	4.90163	0.535597	53.6196	87.6423	0	0	0
7677	11	6.93983	13.57	0	0	0	0	22.4748	4.79143	0.586288	49.7873	87.5051	0	0	0
7678	11	11.3275	16.135	0	0	0	0	20.4083	6.06	0.47301	53.7636	86.8366	0	0	0
7679	11	8.80719	14.5979	0	0	0	0	20.8218	5.38735	0.524883	50.6685	86.9312	0	0	0
7680	11	6.91697	13.445	0	0	0	0	21.132	4.88286	0.563788	48.3473	87.0023	0	0	0
7681	11	12.0703	31.2425	0	0	0	0	28.6541	10.0714	0.74801	53.6836	85.9794	0	0	0
7682	11	9.50762	31.2425	0	0	0	0	28.6333	10.0714	0.807026	51.2743	85.3949	0	0	0
7683	11	7.58554	31.2425	0	0	0	0	28.6177	10.0714	0.851288	49.4673	84.9565	0	0	0
7687	11	11.9491	45.875	0	0	0	0	18.8864	11.6998	0.793752	57.4923	89.0423	0	0	0
7688	11	9.79904	45.5536	0	0	0	0	19.5115	11.151	0.750354	54.3873	88.6137	0	0	0
7689	11	6.93225	45.125	0	0	0	0	20.3449	10.4192	0.69249	50.2471	88.0423	0	0	0
7690	11	13.4348	49.125	0	0	0	0	18.8006	11.4713	0.763752	57.1781	88.2137	0	0	0
7691	11	10.6529	46.0179	0	0	0	0	19.4478	11.0669	0.731068	54.0485	87.9321	0	0	0
7692	11	6.94368	41.875	0	0	0	0	20.3106	10.5278	0.68749	49.8757	87.5566	0	0	0
7693	11	13.2634	43.75	0	0	0	0	19.1549	11.037	0.768752	56.7609	88.528	0	0	0
7694	11	10.5427	43.6964	0	0	0	0	19.8094	10.9657	0.73714	54.104	88.0627	0	0	0
7695	11	6.91511	43.625	0	0	0	0	20.682	10.8707	0.69499	50.5614	87.4423	0	0	0
7709	11	11.8033	39.375	0	0	0	0	19.156	11.9495	0.763752	56.1021	85.6647	0	0	0
7710	11	9.03897	38.7607	0	0	0	0	20.0188	10.1531	0.721602	53.1474	85.2631	0	0	0
7711	11	6.96571	38.3	0	0	0	0	20.666	8.80573	0.68999	50.9313	84.9619	0	0	0
7712	11	11.8033	42.625	0	0	0	0	18.6646	12.3266	0.781252	57.2564	86.2647	0	0	0
7713	11	9.07162	42.7679	0	0	0	0	19.4196	10.8143	0.739102	54.1253	85.6607	0	0	0
7714	11	7.02286	42.875	0	0	0	0	19.986	9.68002	0.70749	51.7771	85.2076	0	0	0
7751	11	6.96571	38.3	0	0	0	0	20.666	8.80573	0.68999	50.9313	84.9619	0	0	0
7839	11	12.9206	44.0425	0	0	0	0	20.4178	11.357	0.707503	57.3323	89.6252	0	0	0
7840	11	10.3664	41.3639	0	0	0	0	20.6902	11.1241	0.698926	53.8256	89.3705	0	0	0
7841	11	6.96082	37.7925	0	0	0	0	21.0534	10.8135	0.68749	49.15	89.0309	0	0	0
7869	11	13.4348	40.9	0	0	0	0	19.4006	11.7227	0.697503	56.6638	88.848	0	0	0
7870	11	10.6284	41.1882	0	0	0	0	20.1972	11.3135	0.699641	53.6297	88.5174	0	0	0
7929	11	13.4348	46.75	0	0	0	0	20.3264	11.3913	0.737503	57.9781	89.9566	0	0	0
7930	11	10.6652	42.1964	0	0	0	0	20.851	11.3249	0.712855	54.273	89.4301	0	0	0
7931	11	6.97225	36.125	0	0	0	0	21.5506	11.2364	0.67999	49.3329	88.728	0	0	0
7959	11	13.1491	35.5	0	0	0	0	19.6864	11.8713	0.695003	57.5781	90.0709	0	0	0
7960	11	10.4994	35.2504	0	0	0	0	20.7302	11.2808	0.704641	54.6566	89.5982	0	0	0
7961	11	6.96653	34.9175	0	0	0	0	22.122	10.4935	0.71749	50.7614	88.968	0	0	0
7980	11	13.4348	32.375	0	0	0	0	19.8292	11.2484	0.700003	56.6638	89.2423	0	0	0
7981	11	10.6652	33.9286	0	0	0	0	21.1229	11.0743	0.713926	54.1832	88.7158	0	0	0
7982	11	6.97225	36	0	0	0	0	22.8477	10.8421	0.73249	50.8757	88.0137	0	0	0
7986	11	12.9206	39.375	0	0	0	0	20.0121	11.317	0.697503	58.1781	90.528	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
7987	11	10.3394	38.0357	0	0	0	0	20.8478	10.8563	0.699641	54.5097	89.9035	0	0	0
7988	11	6.89796	36.25	0	0	0	0	21.962	10.2421	0.70249	49.6186	89.0709	0	0	0
7992	11	13.4348	32.25	0	0	0	0	19.9892	11.4655	0.695003	57.9209	89.8137	0	0	0
7993	11	10.6774	33.6429	0	0	0	0	20.9498	11.3943	0.715355	55.1709	89.4586	0	0	0
7994	11	7.00082	35.5	0	0	0	0	22.2306	11.2992	0.74249	51.5043	88.9852	0	0	0
7995	11	13.4348	36.375	0	0	0	0	19.3721	12.2541	0.702503	57.1781	89.1852	0	0	0
7996	11	10.6284	36.2679	0	0	0	0	20.0804	11.1298	0.707855	53.975	88.9648	0	0	0
7997	11	6.88653	36.125	0	0	0	0	21.0249	9.63065	0.71499	49.7043	88.6709	0	0	0
7998	11	13.4348	36.5	0	0	0	0	20.4292	10.2655	0.705003	58.3781	90.6709	0	0	0
7999	11	10.6431	36.2857	0	0	0	0	21.0298	10.3877	0.701783	55.1016	90.2178	0	0	0
8000	11	6.92082	36	0	0	0	0	21.8306	10.5507	0.69749	50.7329	89.6137	0	0	0
8009	11	13.4348	53.25	0	0	0	0	20.4921	12.2884	0.700003	57.5495	88.0137	0	0	0
8010	11	10.5697	50.3571	0	0	0	0	21.2029	11.3404	0.723569	53.1709	87.4994	0	0	0
8032	11	6.80919	30	0	0	0	0	21.5841	9.83849	0.699987	48.2771	88.585	0	0	0
8033	11	6.91205	30	0	0	0	0	20.9155	10.3571	0.699987	49.9657	89.5321	0	0	0
8046	11	11.3139	30	0	0	0	0	17.5775	10.935	0.8	58.2669	86.8263	0	0	0
8051	11	8.62857	30	0	0	0	0	21.2306	8.20857	0.7	52.0469	87.4756	0	0	0
8055	11	8.63226	30	0	0	0	0	23.0724	9.32821	0.7	52.7898	86.723	0	0	0
8056	11	10.1671	30	0	0	0	0	18.621	11.052	0.757143	56.954	86.0069	0	0	0
8059	11	10.7967	30	0	0	0	0	19.418	11.4087	0.825002	56.6489	89.3212	0	0	0
8060	11	9.20667	30	0	0	0	0	19.6245	10.4604	0.771424	54.942	88.8626	0	0	0
8062	11	7.09196	30	0	0	0	0	19.5473	9.14528	0.699987	52.711	88.7769	0	0	0
8063	11	7.09319	30	0	0	0	0	19.268	10.8905	0.699987	53.403	88.4491	0	0	0
8065	11	7.09624	30	0	0	0	0	19.3405	9.10778	0.699987	52.7196	89.3747	0	0	0
8079	11	12.4719	15	0	0	0	0	21.7273	5.21143	0.43068	59.0058	87.4135	0	0	0
8080	11	9.28782	15	0	0	0	0	21.9763	5.10123	0.509368	54.4156	87.2763	0	0	0
8081	11	6.89977	15	0	0	0	0	22.1631	5.01857	0.568384	50.9731	87.1735	0	0	0
8082	11	11.3533	15	0	0	0	0	20.6345	5.97	0.43068	55.2815	86.6721	0	0	0
8083	11	8.79864	15	0	0	0	0	20.9325	5.46551	0.509368	52.2024	86.7431	0	0	0
8084	11	6.88263	15	0	0	0	0	21.1559	5.08714	0.568384	49.8931	86.7963	0	0	0
8085	11	11.9105	15	0	0	0	0	26.8187	8.97857	0.43068	55.2215	86.0293	0	0	0
8086	11	9.32395	15	0	0	0	0	26.791	8.97857	0.509368	52.6566	85.5908	0	0	0
8087	11	7.38406	15	0	0	0	0	26.7702	8.97857	0.568384	50.7331	85.2621	0	0	0
8091	11	12.3322	30	0	0	0	0	19.1351	12.1598	0.825002	57.6065	90.2564	0	0	0
8092	11	10.024	30	0	0	0	0	19.6043	11.2752	0.771424	54.5449	89.935	0	0	0
8093	11	6.94633	30	0	0	0	0	20.2298	10.0956	0.699987	50.4629	89.5064	0	0	0
8094	11	13.4465	30	0	0	0	0	19.0709	11.9883	0.825002	57.3707	89.635	0	0	0
8095	11	10.6644	30	0	0	0	0	19.5565	11.2121	0.771424	54.2908	89.4237	0	0	0
8096	11	6.9549	30	0	0	0	0	20.2041	10.1771	0.699987	50.1843	89.1421	0	0	0
8097	11	13.3179	30	0	0	0	0	19.3366	11.6626	0.825002	57.0579	89.8707	0	0	0
8098	11	10.5817	30	0	0	0	0	19.8278	11.1362	0.771424	54.3325	89.5217	0	0	0
8099	11	6.93347	30	0	0	0	0	20.4827	10.4342	0.699987	50.6986	89.0564	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
8113	11	11.7711	30	0	0	0	0	19.268	11.876	0.825002	56.0929	86.103	0	0	0
8114	11	9.03005	30	0	0	0	0	19.8737	9.49791	0.753565	53.2789	85.8017	0	0	0
8115	11	6.97429	30	0	0	0	0	20.3279	7.71431	0.699987	51.1685	85.5758	0	0	0
8116	11	11.7711	30	0	0	0	0	18.8994	12.1589	0.825002	56.9586	86.553	0	0	0
8117	11	9.05455	30	0	0	0	0	19.4243	9.99381	0.753565	54.0124	86.0999	0	0	0
8118	11	7.01714	30	0	0	0	0	19.8179	8.37002	0.699987	51.8027	85.7601	0	0	0
8155	11	6.97429	30	0	0	0	0	20.3279	7.71431	0.699987	51.1685	85.5758	0	0	0
501	12	13	44.6	9.8	0	0	0	21.4	6.4	0.7	52.1	82.5	0	0	0
502	12	11.5156	49.76	9.7	0	0	0	26.6	6	0.7	51.8	80.1	0	0	0
503	12	10.4022	53.62	9.6	0	0	0	30.5	5.7	0.8	51.7	78.3	0	0	0
504	12	9.66	56.2	9.6	0	0	0	33.1	5.5	0.8	51.5	77	0	0	0
505	12	13.6	254.4	9.1	0	0	0	17.4	8.8	1.2	64.2	89.2	0	0	0
520	12	14.1	261.33	9.9	0	0	0	23.2	8.6	1.2	56.6	83.2	0	0	0
521	12	11.9903	269.34	9.8	0	0	0	24.7	8.4	1.2	54	82.2	0	0	0
522	12	9.17743	280.02	9.7	0	0	0	26.6	8.1	1.3	50.4	80.9	0	0	0
523	12	13.9	321	9.9	0	0	0	23.7	8.9	1.1	55.1	82.6	0	0	0
524	12	11.8006	323.88	9.8	0	0	0	25.6	8.6	1.2	52.2	81.5	0	0	0
525	12	9.00148	327.72	9.7	0	0	0	28.1	8.2	1.3	48.4	80	0	0	0
526	12	13	253.53	10.2	0	0	0	21.9	6.7	1.2	56.4	83.3	0	0	0
527	12	11.8216	254.74	9.7	0	0	0	24.1	7.6	1.2	54.5	82.5	0	0	0
532	12	13	204.33	10.2	0	0	0	23.9	7.7	1.5	54.9	84.4	0	0	0
533	12	11.7189	224.26	9.6	0	0	0	25.4	8.4	1.5	52.5	83.2	0	0	0
540	12	13.5	405.54	9.9	0	0	0	24	9.4	1.1	52.7	81.2	0	0	0
541	12	11.4714	401.21	9.8	0	0	0	26.5	9	1.2	49.6	79.9	0	0	0
542	12	8.76653	395.43	9.6	0	0	0	29.8	8.5	1.3	45.3	78.1	0	0	0
543	12	12.8	230.62	10.1	0	0	0	22.5	7.1	1.3	55.1	82.9	0	0	0
544	12	11.6313	240.02	9.5	0	0	0	24.4	7.9	1.3	53	82	0	0	0
554	12	13	218.95	10.2	0	0	0	23.4	7.5	1.4	55.3	84.1	0	0	0
555	12	11.7404	234.68	9.6	0	0	0	25.1	8.3	1.4	53	83	0	0	0
559	12	14	330.69	9.9	0	0	0	24	8.8	1.1	56.3	83.2	0	0	0
560	12	11.9006	344.57	10	0	0	0	26.1	9	1.1	53.7	81.8	0	0	0
561	12	9.10137	363.08	10.1	0	0	0	28.9	9.1	1.1	50.3	79.9	0	0	0
565	12	14.2	237.5	9.9	0	0	0	20.2	7.3	0.9	59.6	84.1	0	0	0
566	12	12.2714	257.99	10	0	0	0	22.7	7.2	1	57.6	82.9	0	0	0
567	12	9.7	285.3	10	0	0	0	26.1	7.1	1	54.9	81.4	0	0	0
572	12	13	246.13	10.2	0	0	0	21.9	6.5	1.1	56.4	83.3	0	0	0
573	12	11.3343	246.66	9.4	0	0	0	24.9	7.7	1.2	53.7	82.3	0	0	0
575	12	13.9	340.08	9.9	0	0	0	24.6	9	1.1	55.7	83.1	0	0	0
576	12	11.806	352.84	10	0	0	0	26.7	9.1	1.1	53	81.6	0	0	0
577	12	9.01391	369.84	10.1	0	0	0	29.4	9.3	1.2	49.5	79.7	0	0	0
582	12	14.41	71.135	9.24534	0	0	0	21.525	7.69	1.415	59.525	86.505	0	0	0
583	12	12.4279	85.4221	9.55529	0	0	0	22.7193	8.01357	1.38429	58.0093	85.6593	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
584	12	9.785	104.47	9.91468	0	0	0	24.345	8.395	1.41	56.005	84.515	0	0	0
586	12	11.9771	97.23	9.1	0	0	0	23.5	8.1	1.6	58.4	86.6	0	0	0
587	12	9.68	119.4	9.8	0	0	0	25.7	8.4	1.6	55.1	84.3	0	0	0
588	12	8.9	66.6	9.6	0	0	0	27.6	6.1	0.8	48.9	78.6	0	0	0
596	12	13	255.08	10.2	0	0	0	21.9	6.7	1.2	56.2	83.3	0	0	0
597	12	11.815	256.26	9.6	0	0	0	24.1	7.7	1.2	54.3	82.5	0	0	0
602	12	14.3	199.8	9.7	0	0	0	24.6	6.6	1.2	60.6	87.7	0	0	0
611	12	9.66	56	9.6	0	0	0	33	5.5	0.8	51.5	77	0	0	0
613	12	8.7	170.8	9.8	0	0	0	26.3	7.2	1.3	50.1	82.5	0	0	0
622	12	13.625	178.28	9.55394	0	0	0	19.5	8.69	1.265	62.085	87.75	0	0	0
634	12	13.8	296.8	9.7	0	0	0	23.4	7.8	1.2	60.1	87	0	0	0
635	12	11.6143	296.8	9.7	0	0	0	23.4	7.8	1.2	60.1	87	0	0	0
636	12	8.7	296.8	9.7	0	0	0	23.4	7.8	1.2	60.1	87	0	0	0
639	12	11.2917	352.84	10	0	0	0	26.7	9.1	1.1	53	81.6	0	0	0
640	12	7.81391	369.84	10.1	0	0	0	29.4	9.3	1.2	49.5	79.7	0	0	0
641	12	11.6	66.6	9.6	0	0	0	27.6	6.1	0.8	48.9	78.6	0	0	0
658	12	14	267	10.6	0	0	0	19.1	6	0.9	60.3	84.5	0	0	0
659	12	11.4	271.71	10.5	0	0	0	20.8	6.4	0.9	56.3	83.8	0	0	0
660	12	7.9	278	10.3	0	0	0	23.1	6.8	1	51	82.9	0	0	0
661	12	14	249	10.6	0	0	0	15.1	5.3	0.8	59.8	85.5	0	0	0
662	12	10.9	186	10.5	0	0	0	15.9	4.7	0.8	54	85.7	0	0	0
663	12	6.7	102	10.2	0	0	0	17.1	4	0.8	46.2	85.9	0	0	0
664	12	14.3	305.2	9.7	0	0	0	23.2	8.1	1.2	60.4	87	0	0	0
665	12	13.8	172	9.9	0	0	0	19.095	8.61	0.74	58.1	84.025	0	0	0
666	12	10.8236	176.031	10	0	0	0	20.9107	8.91571	0.805	55.4607	83.1786	0	0	0
667	12	6.855	181.4	10	0	0	0	23.365	9.34	0.825	51.925	82.1	0	0	0
668	12	11.0286	257.99	10	0	0	0	22.7	7.2	1	57.6	82.9	0	0	0
669	12	6.8	285.3	10	0	0	0	26.1	7.1	1	54.9	81.4	0	0	0
676	12	13.4	257	10.3	0	0	0	19.4	6	1	60.9	84.8	0	0	0
677	12	11.1	281	10.2	0	0	0	21.1	6.4	1	56.7	83.7	0	0	0
678	12	7.9	313	10.2	0	0	0	23.4	6.9	1	51	82.1	0	0	0
679	12	13.4	265	10.6	0	0	0	15.6	5.4	0.9	59.9	85.8	0	0	0
680	12	10.6	189.14	10.4	0	0	0	16.1	5.5	0.9	53.6	85.5	0	0	0
681	12	6.8	88	10.1	0	0	0	16.8	5.6	0.9	45.1	85	0	0	0
695	12	11.1189	224.26	9.6	0	0	0	25.4	8.4	1.5	52.5	83.2	0	0	0
709	12	12.515	51.985	10	0	0	0	25.835	9.405	1.1	51.775	87.16	0	0	0
710	12	8.935	61.635	10	0	0	0	26.685	8.905	1.1	50.225	85.81	0	0	0
713	12	12.83	22.155	10.0344	0	0	0	21.54	4.78	0.59	56.8	88.58	0	0	0
719	12	12.73	16.505	10.0344	0	0	0	22.09	5.23	0.54	55.95	89.93	0	0	0
732	12	13.43	171.045	9.9	0	0	0	22.815	10.53	1	54.895	84.73	0	0	0
733	12	11.5271	181.29	10	0	0	0	24.065	10.48	1.05	52.9607	83.6821	0	0	0
734	12	8.99	194.945	10	0	0	0	25.765	10.43	1.05	50.365	82.335	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
737	12	8.925	67.985	9.6	0	0	0	33.58	9.425	1.25	48.585	80.52	0	0	0
739	12	8.7155	128.74	9.02839	0	0	0	19.542	8.5285	0.665	50.722	84.505	0	0	0
740	12	6.715	121.665	9.5042	0	0	0	18.74	8.955	0.6	48.985	85.15	0	0	0
749	12	11.6534	165.26	9.95364	0	0	0	25.2	9.79	1.375	51.185	82.6	0	0	0
750	12	8.83136	178.555	9.86093	0	0	0	26.2	10.24	1.325	49.535	81.8	0	0	0
751	12	6.7148	188.52	9.7914	0	0	0	26.95	10.54	1.325	48.335	81.2	0	0	0
752	12	7.7148	188.52	9.7914	0	0	0	26.95	10.54	1.325	48.335	81.2	0	0	0
753	12	13.77	155.295	10.0232	0	0	0	24.45	9.44	1.375	52.385	83.2	0	0	0
754	12	12.2999	165.26	9.95364	0	0	0	25.2	9.79	1.375	51.185	82.6	0	0	0
755	12	10.3399	178.555	9.86093	0	0	0	26.2	10.24	1.325	49.535	81.8	0	0	0
756	12	8.8698	188.52	9.7914	0	0	0	26.95	10.54	1.325	48.335	81.2	0	0	0
757	12	13.835	176.195	10.1128	0	0	0	23.21	8.85	1.175	53.615	82.68	0	0	0
758	12	11.8172	176.46	9.66152	0	0	0	24.71	9.45	1.225	52.265	82.18	0	0	0
759	12	9.12672	176.805	9.0974	0	0	0	26.71	10.3	1.275	50.515	81.43	0	0	0
760	12	14.035	179.895	10.0645	0	0	0	21.92	9.005	1.225	56.17	82.85	0	0	0
761	12	12.6163	180.5	9.90328	0	0	0	23.02	9.455	1.225	55.22	82.45	0	0	0
762	12	10.7247	181.305	9.64536	0	0	0	24.47	10.105	1.275	53.92	81.9	0	0	0
763	12	9.306	181.305	9.64536	0	0	0	24.47	10.105	1.275	53.92	81.9	0	0	0
764	12	9.306	181.905	9.45192	0	0	0	25.57	10.555	1.275	52.97	81.5	0	0	0
765	12	10.1489	181.305	9.64536	0	0	0	24.47	10.105	1.275	53.92	81.9	0	0	0
766	12	14	172.5	10.5951	0	0	0	15.42	5.155	0.795	58.9	85.3	0	0	0
767	12	10.9371	136.751	10.493	0	0	0	16.315	4.78857	0.805714	53.4714	84.965	0	0	0
768	12	6.82	89.085	10.2735	0	0	0	17.575	4.35	0.82	46.2	84.485	0	0	0
769	12	12.5211	173.14	9.89441	0	0	0	23.17	9.605	1.275	54.47	82.2	0	0	0
770	12	10.636	179.4	9.72546	0	0	0	24.42	10.155	1.275	53.02	81.55	0	0	0
771	12	9.22214	184.095	9.59874	0	0	0	25.37	10.555	1.325	51.97	81.05	0	0	0
772	12	13.935	168.44	10.0211	0	0	0	22.22	9.205	1.275	55.52	82.65	0	0	0
776	12	14.44	223.17	9.97333	0	0	0	23.47	10.145	1.175	55.42	82.72	0	0	0
777	12	12.208	229.55	10	0	0	0	24.52	10.195	1.175	54.07	81.97	0	0	0
778	12	9.23195	238.05	10.0267	0	0	0	25.87	10.295	1.225	52.32	81.02	0	0	0
779	12	14.235	218.475	9.93801	0	0	0	24.575	9.985	1.175	52.945	82.59	0	0	0
780	12	12.0003	225.415	10	0	0	0	25.625	10.085	1.175	51.645	81.89	0	0	0
781	12	9.02069	234.67	10.062	0	0	0	27.025	10.135	1.175	49.945	80.94	0	0	0
782	12	8.8705	218.905	10.0344	0	0	0	28.8685	8.642	1.354	41.874	81.56	0	0	0
783	12	6.7	212.95	10.0344	0	0	0	31.25	8.38	1.52	38.245	80.775	0	0	0
784	12	8.8505	218.905	10.0344	0	0	0	28.8685	8.642	1.354	41.874	81.56	0	0	0
785	12	13.765	255.9	9.9	0	0	0	25.135	10.26	1.175	53.025	83.135	0	0	0
786	12	11.5657	253.735	9.8	0	0	0	26.385	10.06	1.225	50.1936	81.7907	0	0	0
787	12	8.63326	250.845	9.6	0	0	0	28.035	9.81	1.275	46.335	79.965	0	0	0
792	12	14.305	276.08	10	0	0	0	23.825	10.575	1.175	53.375	82.415	0	0	0
793	12	12.0486	272.715	10	0	0	0	25.275	10.375	1.225	51.675	81.715	0	0	0
794	12	9.04	268.23	10	0	0	0	27.175	10.075	1.275	49.475	80.765	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
798	12	12.613	181.26	9.87528	0	0	0	23.02	9.505	1.225	55.12	82.45	0	0	0
799	12	10.717	182.05	9.62583	0	0	0	24.52	10.105	1.275	53.87	81.9	0	0	0
800	12	9.29499	182.645	9.43875	0	0	0	25.62	10.555	1.275	52.92	81.5	0	0	0
801	12	14.035	180.67	10.0624	0	0	0	21.92	9.005	1.225	56.07	82.85	0	0	0
802	12	12.6	175	10.5859	0	0	0	15.38	5.06	0.845	59.315	85.575	0	0	0
803	12	10.1693	130.963	10.4912	0	0	0	16.0929	5.35857	0.855714	53.4843	84.765	0	0	0
804	12	6.895	72.25	10.3458	0	0	0	17.06	5.74	0.87	45.66	83.635	0	0	0
805	12	12.47	191.195	10	0	0	0	26.005	11.62	0.97	48.175	81.075	0	0	0
806	12	10.23	176.765	10	0	0	0	27.255	11.62	1.02	45.975	80.375	0	0	0
807	12	8.55	165.945	10	0	0	0	28.205	11.62	1.02	44.275	79.875	0	0	0
808	12	8.55	176.765	10	0	0	0	27.255	11.62	1.02	45.975	80.375	0	0	0
809	12	9.41571	176.765	10	0	0	0	27.255	11.62	1.02	45.975	80.375	0	0	0
810	12	13.5	153.515	10.0344	0	0	0	30.635	10.76	0.965	45.775	81.79	0	0	0
811	12	10.9286	146.015	10.0344	0	0	0	31.585	10.86	0.915	43.375	80.94	0	0	0
812	12	7.5	136.015	10.0344	0	0	0	32.835	10.91	0.865	40.175	79.89	0	0	0
813	12	8.1	136.015	10.0344	0	0	0	32.835	10.91	0.865	40.175	79.89	0	0	0
820	12	13.21	153.595	10	0	0	0	26.04	12.095	0.95	48.31	83.035	0	0	0
821	12	11.2664	145.99	10	0	0	0	26.89	12.145	0.95	46.16	82.285	0	0	0
822	12	8.675	135.845	10	0	0	0	28.04	12.195	0.9	43.26	81.235	0	0	0
823	12	12.5	113.585	10.0124	0	0	0	20.16	11.26	0.665	56.735	86.86	0	0	0
824	12	10.1086	102.443	10.2208	0	0	0	20.5479	11.4157	0.647857	52.7657	86.1371	0	0	0
825	12	6.87	87.585	10.6	0	0	0	21.065	11.64	0.575	47.49	85.19	0	0	0
826	12	12.7	76.5	9.04561	0	0	0	14.16	7.365	0.755	58.4	88.175	0	0	0
827	12	10.235	70.7157	9.03498	0	0	0	15.525	7.22214	0.810714	53.2143	87.5536	0	0	0
828	12	6.915	63	9.00951	0	0	0	17.295	6.965	0.885	46.35	86.675	0	0	0
829	12	9.17286	176.765	10	0	0	0	27.255	11.62	1.02	45.975	80.375	0	0	0
830	12	6.7	165.945	10	0	0	0	28.205	11.62	1.02	44.275	79.875	0	0	0
831	12	6.7	176.765	10	0	0	0	27.255	11.62	1.02	45.975	80.375	0	0	0
832	12	8.93	176.765	10	0	0	0	27.255	11.62	1.02	45.975	80.375	0	0	0
833	12	14.035	162.605	10.0232	0	0	0	22.67	9.405	1.325	55.62	83.25	0	0	0
834	12	12.5757	170.47	9.9536	0	0	0	23.52	9.805	1.325	54.47	82.7	0	0	0
835	12	10.63	180.955	9.86081	0	0	0	24.62	10.305	1.325	52.92	81.95	0	0	0
836	12	9.17068	188.825	9.79122	0	0	0	25.47	10.655	1.325	51.77	81.4	0	0	0
837	12	10.0039	180.955	9.86081	0	0	0	24.62	10.305	1.325	52.92	81.95	0	0	0
846	12	12.5	126.585	9.63273	0	0	0	20.46	10.71	0.665	55.785	86.46	0	0	0
847	12	10.1086	110.513	9.95411	0	0	0	20.9479	11.1157	0.647857	52.1157	85.8371	0	0	0
848	12	6.87	89.085	10.6	0	0	0	21.515	11.69	0.575	47.24	84.99	0	0	0
851	12	8.64	183.785	10	0	0	0	32.805	11.495	1.8	45.175	83.075	0	0	0
852	12	12.7	116.75	10.188	0	0	0	20.265	11.43	0.685	55.4	87.075	0	0	0
853	12	10.2207	101.644	10.3563	0	0	0	20.7236	11.5879	0.659286	51.675	86.125	0	0	0
854	12	6.865	81.5	10.6	0	0	0	21.335	11.815	0.575	46.725	84.875	0	0	0
855	12	13.32	227.185	10	0	0	0	30.005	10.695	1.6	48.775	84.475	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
856	12	11.3143	208.585	10	0	0	0	31.205	11.045	1.65	47.225	83.875	0	0	0
858	12	7.5	183.785	10	0	0	0	32.805	11.495	1.8	45.175	83.075	0	0	0
859	12	8.1	183.785	10	0	0	0	32.805	11.495	1.8	45.175	83.075	0	0	0
867	12	8.775	180.71	10.0344	0	0	0	28.71	10.17	1.67	48.92	84.055	0	0	0
882	12	8.775	212.26	10.0344	0	0	0	29.21	9.47	1.67	48.12	83.805	0	0	0
883	12	10.8257	208.585	10	0	0	0	31.205	11.045	1.65	47.225	83.875	0	0	0
890	12	11.533	229.55	10	0	0	0	24.52	10.195	1.175	54.07	81.97	0	0	0
891	12	7.65695	238.05	10.0267	0	0	0	25.87	10.295	1.225	52.32	81.02	0	0	0
892	12	8.25695	238.05	10.0267	0	0	0	25.87	10.295	1.225	52.32	81.02	0	0	0
895	12	13.62	139.885	9.74669	0	0	0	28.955	9.995	1.45	53.975	85.925	0	0	0
897	12	13.15	147.55	10.6	0	0	0	24.215	10.23	0.785	51.75	84.775	0	0	0
898	12	10.4564	130.624	10.6	0	0	0	25.3736	10.7879	0.759286	47.875	83.575	0	0	0
899	12	6.865	108.05	10.6	0	0	0	26.935	11.515	0.675	42.675	81.925	0	0	0
908	12	12.7	129.75	9.91297	0	0	0	20.565	10.88	0.685	54.45	86.675	0	0	0
909	12	10.2207	109.714	10.1808	0	0	0	21.1236	11.2879	0.659286	51.025	85.825	0	0	0
910	12	6.865	83	10.6	0	0	0	21.785	11.865	0.575	46.475	84.675	0	0	0
914	12	11.1739	64.865	9.72623	0	0	0	30.155	9.685	1.2	49.17	82.1	0	0	0
915	12	9.89056	66.795	9.63497	0	0	0	32.105	9.535	1.25	49.12	81.2	0	0	0
916	12	9.035	68.085	9.63497	0	0	0	33.405	9.435	1.25	49.02	80.55	0	0	0
917	12	12.885	62.285	9.81748	0	0	0	27.555	9.885	1.2	49.32	83.3	0	0	0
918	12	11.9025	150.15	10	0	0	0	21.2412	13.2612	1.465	53.375	87.3262	0	0	0
919	12	10.3592	163.315	10	0	0	0	23.5396	12.5296	1.465	49.995	85.7279	0	0	0
920	12	9.20167	173.19	10	0	0	0	25.3008	11.9558	1.515	47.485	84.5542	0	0	0
921	12	8.90167	173.19	10	0	0	0	25.3008	11.9558	1.515	47.485	84.5542	0	0	0
922	12	13.06	140.275	10	0	0	0	19.53	13.785	1.465	55.885	88.5	0	0	0
926	12	12.075	73.285	9.6	0	0	0	30.88	9.725	1.25	48.985	82.215	0	0	0
927	12	12.95	130.085	10.342	0	0	0	19.76	9.86	0.665	56.085	85.86	0	0	0
928	12	10.3586	115.298	10.4362	0	0	0	20.5479	10.3157	0.647857	52.7157	85.4371	0	0	0
929	12	6.87	95.585	10.6	0	0	0	21.565	10.89	0.625	48.19	84.89	0	0	0
932	12	8.85	99.35	9.91492	0	0	0	20.825	5.045	1.07	50.79	86.075	0	0	0
936	12	13.27	227.185	10	0	0	0	30.005	10.695	1.6	48.775	84.475	0	0	0
937	12	11.2857	208.585	10	0	0	0	31.205	11.045	1.65	47.225	83.875	0	0	0
941	12	11.55	130.5	10.1841	0	0	0	18.915	10.985	0.69	56.75	87.275	0	0	0
942	12	9.575	113.141	10.3519	0	0	0	19.6479	11.045	0.672857	53.25	86.7286	0	0	0
943	12	6.925	90	10.6	0	0	0	20.625	11.125	0.6	48.55	85.95	0	0	0
944	12	11.55	124.8	10.1856	0	0	0	18.56	11.04	0.675	57.14	87.34	0	0	0
945	12	9.56857	110.784	10.353	0	0	0	19.2307	11.2736	0.662143	53.1943	86.7871	0	0	0
946	12	6.91	92.1	10.6	0	0	0	20.125	11.585	0.595	47.9	86	0	0	0
956	12	10.9286	144.26	10.0344	0	0	0	31.485	10.81	0.965	43.575	80.99	0	0	0
957	12	7.5	131.915	10.0344	0	0	0	32.535	10.86	0.915	40.625	79.89	0	0	0
958	12	8.1	131.915	10.0344	0	0	0	32.535	10.86	0.915	40.625	79.89	0	0	0
967	12	8.95	48.42	9.81329	0	0	0	25.18	6.33	0.735	49.13	79.36	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
968	12	13.27	134.485	10	0	0	0	28.355	10.295	1.6	52.075	85.675	0	0	0
969	12	11.2857	151.755	10	0	0	0	29.455	10.395	1.65	50.225	84.775	0	0	0
970	12	8.64	174.785	10	0	0	0	30.905	10.495	1.7	47.725	83.525	0	0	0
971	12	14.44	213.63	9.97333	0	0	0	23.02	10.095	1.175	55.12	82.47	0	0	0
972	12	12.2053	215.07	9.94666	0	0	0	23.97	9.945	1.225	53.67	81.92	0	0	0
973	12	9.22574	216.99	9.91999	0	0	0	25.22	9.745	1.275	51.77	81.17	0	0	0
974	12	14.385	183.795	9.94359	0	0	0	23.86	9.9	1.225	53.715	82.63	0	0	0
975	12	12.1452	187.8	9.88718	0	0	0	24.61	9.8	1.225	52.415	82.13	0	0	0
976	12	9.15872	193.14	9.83076	0	0	0	25.56	9.65	1.275	50.615	81.48	0	0	0
977	12	11.65	119.5	10.1878	0	0	0	19.915	11.585	0.69	56.4	86.975	0	0	0
978	12	9.625	104.501	10.356	0	0	0	20.7979	11.295	0.672857	52.75	86.2286	0	0	0
979	12	6.875	84.5	10.6	0	0	0	21.975	10.925	0.6	47.9	85.25	0	0	0
980	12	9.74667	43.8989	9.81645	0	0	0	22.355	5.58056	0.741111	49.1822	83.8594	0	0	0
981	12	8.80667	49.6306	9.6765	0	0	0	25.34	6.28222	0.769444	47.2889	82.1978	0	0	0
982	12	8.18	53.455	9.6	0	0	0	27.33	6.75	0.755	45.96	81.04	0	0	0
983	12	11	36.25	9.91492	0	0	0	18.375	4.645	0.77	51.79	86.075	0	0	0
986	12	8.445	188.385	9.7	0	0	0	28.78	10.575	1.45	52.885	85.52	0	0	0
988	12	13.85	228.16	10.0344	0	0	0	28.925	8.005	1.5	48.15	84.485	0	0	0
989	12	11.2979	209.045	10.0344	0	0	0	30.175	8.355	1.6	46.6	83.885	0	0	0
990	12	8.495	183.56	10.0344	0	0	0	31.825	8.755	1.75	44.6	83.135	0	0	0
991	12	7.895	183.56	10.0344	0	0	0	31.825	8.755	1.75	44.6	83.135	0	0	0
992	12	15.12	61.67	10	0	0	0	21.15	7.58	1.13	58.15	84.71	0	0	0
993	12	12.8786	73.6143	10	0	0	0	21.9386	7.92714	1.16857	57.6186	84.7186	0	0	0
994	12	9.89	89.54	10	0	0	0	22.99	8.39	1.22	56.91	84.73	0	0	0
995	12	12.1125	98.4425	10	0	0	0	22.595	9.165	1.4025	57.64	86.1475	0	0	0
996	12	10.0625	93.4858	10	0	0	0	23.9217	9.945	1.49917	54.5333	85.9442	0	0	0
997	12	8.525	89.7683	10	0	0	0	24.9167	10.53	1.57167	52.2033	85.7917	0	0	0
998	12	7.5	87.29	10	0	0	0	25.58	10.92	1.62	50.65	85.69	0	0	0
999	12	13.65	102.16	10	0	0	0	21.6	8.58	1.33	59.97	86.3	0	0	0
1000	12	7.19901	35.5	10	0	0	0	20.765	10.935	0.74249	56.2407	82.7053	0	0	0
1001	12	7.2	26.355	10	0	0	0	29.685	6.83	1.08	44.5267	81.0798	0	0	0
1002	12	7.2	26.355	10	0	0	0	30.735	7.58	1.18	45.2222	80.0954	0	0	0
1003	12	7.2	26.355	10	0	0	0	29.685	6.83	1.08	44.5267	81.0798	0	0	0
1004	12	7.2	26.355	10	0	0	0	30.735	7.58	1.18	45.2222	80.0954	0	0	0
1005	12	7.2	61.145	10	0	0	0	26.605	10.615	1.02	48.2972	80.0154	0	0	0
1006	12	7.2	68.13	10	0	0	0	24.455	9.65	1.325	53.0931	81.6207	0	0	0
1007	12	7.2	86.6	10	0	0	0	28.465	7.575	1.52	43.3108	81.2627	0	0	0
1008	12	7.2086	31.2425	10	0	0	0	25.4975	7.6125	0.851288	52.3336	85.644	0	0	0
1009	12	7.20896	30	10	0	0	0	19.7332	11.3908	0.675004	56.9799	82.1561	0	0	0
1010	12	7.21111	45.6411	10	0	0	0	20.18	6.86444	0.738889	42.8778	86.0956	0	0	0
1011	12	7.21667	74.9306	10	0	0	0	21.34	6.53222	0.819444	45.4389	85.0478	0	0	0
1012	12	7.21729	26.5	10	0	0	0	18.8	8.5675	0.74749	54.9157	83.2178	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1013	12	7.21729	41.5425	10	0	0	0	19.28	8.8775	0.73499	54.8407	82.1478	0	0	0
1014	12	7.22222	104.22	10	0	0	0	22.5	6.2	0.9	48	84	0	0	0
1015	12	7.22979	36.625	10	0	0	0	19.0975	9.1725	0.73499	54.8457	81.9478	0	0	0
1016	12	7.23266	30	10	0	0	0	18.4458	13.2447	0.566674	56.4603	81.183	0	0	0
1017	12	7.23292	45.5725	10	0	0	0	26.8625	9.12	1.385	49.1292	82.2265	0	0	0
1018	12	7.23979	25	10	0	0	0	18.615	9.085	0.76749	54.8657	83.3428	0	0	0
1019	12	7.24137	30	10	0	0	0	30.4776	8.59175	0.6	45.5704	78.7512	0	0	0
1020	12	7.24692	30	10	0	0	0	26.6905	7.98638	0.855	50.4355	82.672	0	0	0
1021	12	7.25	26.355	10	0	0	0	29.685	6.83	1.08	44.5267	81.0798	0	0	0
1022	12	7.25	26.355	10	0	0	0	29.685	6.83	1.08	44.5267	81.0798	0	0	0
1023	12	7.8	242.47	10	0	0	0	27.4	8.4	1.5	51.3	83.6	0	0	0
1024	12	13.53	79.97	10	0	0	0	30.47	13.51	1.7	52.95	84.52	0	0	0
1025	12	9.17	79.97	10	0	0	0	30.47	13.51	1.7	52.95	84.52	0	0	0
1026	12	13.86	14.01	10	0	0	0	22.28	4.56	0.58	57.9	89.06	0	0	0
1027	12	9.97429	11.3071	10	0	0	0	22.9257	4.30286	0.614286	51.2314	88.74	0	0	0
1028	12	7.06	9.28	10	0	0	0	23.41	4.11	0.64	46.23	88.5	0	0	0
1029	12	11.25	19.54	10	0	0	0	19.73	6.33	0.6	49.21	87.33	0	0	0
1030	12	8.83286	13.3914	10	0	0	0	20.49	5.15286	0.571429	46.0671	87.4957	0	0	0
1031	12	7.02	8.78	10	0	0	0	21.06	4.27	0.55	43.71	87.62	0	0	0
1032	12	11.399	82.249	10	0	0	0	20.456	6.653	0.77	52.976	84.09	0	0	0
1033	12	8.731	96.581	10	0	0	0	18.184	7.257	0.73	51.144	85.81	0	0	0
1034	12	6.73	107.33	10	0	0	0	16.48	7.71	0.7	49.77	87.1	0	0	0
1035	12	13.4	71.5	10	0	0	0	22.16	6.2	0.8	54.35	82.8	0	0	0
1036	12	12.188	106.26	10	0	0	0	25	11.18	1.25	49.87	82	0	0	0
1037	12	9.052	106.26	10	0	0	0	25	11.18	1.25	49.87	82	0	0	0
1038	12	6.7	106.26	10	0	0	0	25	11.18	1.25	49.87	82	0	0	0
1039	12	14.54	106.26	10	0	0	0	25	11.18	1.25	49.87	82	0	0	0
1040	12	12.881	106.26	10	0	0	0	25	11.18	1.25	49.87	82	0	0	0
1041	12	10.669	106.26	10	0	0	0	25	11.18	1.25	49.87	82	0	0	0
1042	12	9.01	106.26	10	0	0	0	25	11.18	1.25	49.87	82	0	0	0
1043	12	14.67	106.26	10	0	0	0	24.52	11.2	1.25	50.83	82.06	0	0	0
1044	12	12.3	106.26	10	0	0	0	24.52	11.2	1.25	50.83	82.06	0	0	0
1045	12	9.14	106.26	10	0	0	0	24.52	11.2	1.25	50.83	82.06	0	0	0
1046	12	15.07	106.26	10	0	0	0	21.94	11.31	1.25	55.94	82.4	0	0	0
1047	12	13.411	106.26	10	0	0	0	21.94	11.31	1.25	55.94	82.4	0	0	0
1048	12	11.199	106.26	10	0	0	0	21.94	11.31	1.25	55.94	82.4	0	0	0
1049	12	9.54	106.26	10	0	0	0	21.94	11.31	1.25	55.94	82.4	0	0	0
1050	12	14	96	10	0	0	0	15.74	5.01	0.79	58	85.1	0	0	0
1051	12	10.9743	87.5014	10	0	0	0	16.73	4.87714	0.811429	52.9429	84.23	0	0	0
1052	12	6.94	76.17	10	0	0	0	18.05	4.7	0.84	46.2	83.07	0	0	0
1053	12	12.9	102	10	0	0	0	14.16	7.96	0.82	60.75	88.25	0	0	0
1054	12	10.3457	65.1429	10	0	0	0	15.0043	6.03143	0.85	54.6429	87.8643	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1055	12	6.94	16	10	0	0	0	16.13	3.46	0.89	46.5	87.35	0	0	0
1056	12	14.98	106.26	10	0	0	0	22.34	11.29	1.25	55.14	82.34	0	0	0
1057	12	12.61	106.26	10	0	0	0	22.34	11.29	1.25	55.14	82.34	0	0	0
1058	12	9.45	106.26	10	0	0	0	22.34	11.29	1.25	55.14	82.34	0	0	0
1059	12	14.47	106.26	10	0	0	0	25.15	11.17	1.25	49.59	81.98	0	0	0
1060	12	12.1	106.26	10	0	0	0	25.15	11.17	1.25	49.59	81.98	0	0	0
1061	12	8.94	106.26	10	0	0	0	25.15	11.17	1.25	49.59	81.98	0	0	0
1062	12	12.069	240.29	10	0	0	0	25.653	8.616	1.232	45.892	82.98	0	0	0
1063	12	9.001	184.81	10	0	0	0	28.537	8.184	1.408	41.148	82.22	0	0	0
1064	12	6.7	143.2	10	0	0	0	30.7	7.86	1.54	37.59	81.65	0	0	0
1065	12	8.99944	36.3225	10	0	0	0	28.0758	7.20722	0.679167	47.0712	77.9978	0	0	0
1066	12	11.34	106.26	10	0	0	0	24.52	11.2	1.25	50.83	82.06	0	0	0
1067	12	6.9	106.26	10	0	0	0	24.52	11.2	1.25	50.83	82.06	0	0	0
1068	12	14.91	106.26	10	0	0	0	23.25	11.25	1.25	53.35	82.23	0	0	0
1069	12	12.54	106.26	10	0	0	0	23.25	11.25	1.25	53.35	82.23	0	0	0
1070	12	9.38	106.26	10	0	0	0	23.25	11.25	1.25	53.35	82.23	0	0	0
1071	12	13.04	92.29	10	0	0	0	22.09	12.66	1.04	51.81	81.32	0	0	0
1072	12	9.41714	92.29	10	0	0	0	23.9986	12.5743	1.04	48.0386	81.0743	0	0	0
1073	12	11.8	85	10	0	0	0	15.16	4.72	0.79	58.73	85.35	0	0	0
1074	12	9.73857	72.7857	10	0	0	0	16.0857	5.21714	0.811429	53.3686	84.03	0	0	0
1075	12	6.99	56.5	10	0	0	0	17.32	5.88	0.84	46.22	82.27	0	0	0
1076	12	12.44	92.29	10	0	0	0	24.91	12.54	1.04	46.25	80.95	0	0	0
1077	12	10.1314	92.29	10	0	0	0	24.91	12.54	1.04	46.25	80.95	0	0	0
1078	12	8.4	92.29	10	0	0	0	24.91	12.54	1.04	46.25	80.95	0	0	0
1079	12	13.5	86.03	10	0	0	0	34.37	10.42	1.13	41.35	80.98	0	0	0
1080	12	10.9286	86.03	10	0	0	0	34.37	10.42	1.13	41.35	80.98	0	0	0
1081	12	7.5	86.03	10	0	0	0	34.37	10.42	1.13	41.35	80.98	0	0	0
1082	12	13.02	104.59	10	0	0	0	24.68	13.79	1.1	47.32	83.37	0	0	0
1083	12	11.1471	104.59	10	0	0	0	24.68	13.79	1.1	47.32	83.37	0	0	0
1084	12	8.65	104.59	10	0	0	0	24.68	13.79	1.1	47.32	83.37	0	0	0
1085	12	12.5	86.17	10	0	0	0	20.82	9.72	0.73	56.87	86.42	0	0	0
1086	12	10.1171	75.4557	10	0	0	0	21.2957	10.7314	0.695714	52.9314	85.9743	0	0	0
1087	12	6.94	61.17	10	0	0	0	21.93	12.08	0.65	47.68	85.38	0	0	0
1088	12	12.7	18	10	0	0	0	13.22	6.43	0.71	57.9	88.65	0	0	0
1089	12	10.27	14.5714	10	0	0	0	14.15	6.04429	0.821429	52.9286	88.3071	0	0	0
1090	12	7.03	10	10	0	0	0	15.39	5.53	0.97	46.3	87.85	0	0	0
1091	12	9.16	92.29	10	0	0	0	24.91	12.54	1.04	46.25	80.95	0	0	0
1092	12	6.7	92.29	10	0	0	0	24.91	12.54	1.04	46.25	80.95	0	0	0
1093	12	15.18	188.32	10	0	0	0	25.4	9.02	0.99	54.89	83.17	0	0	0
1094	12	12.8271	183.113	10	0	0	0	26.2871	8.87429	1.03714	53.42	82.5614	0	0	0
1095	12	9.69	176.17	10	0	0	0	27.47	8.68	1.1	51.46	81.75	0	0	0
1096	12	13.32	79.97	10	0	0	0	30.63	13.51	1.7	52.64	84.5	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1097	12	11.2886	79.97	10	0	0	0	31.7786	13.4586	1.7	50.3729	84.35	0	0	0
1098	12	8.58	79.97	10	0	0	0	33.31	13.39	1.7	47.35	84.15	0	0	0
1099	12	12.9	92.5	10	0	0	0	21.03	10.06	0.77	54.2	86.85	0	0	0
1100	12	10.3414	73.8571	10	0	0	0	21.6471	11.0757	0.718571	50.75	85.95	0	0	0
1101	12	6.93	49	10	0	0	0	22.47	12.43	0.65	46.15	84.75	0	0	0
1102	12	12.94	79.97	10	0	0	0	33.31	13.39	1.7	47.35	84.15	0	0	0
1103	12	11.0714	79.97	10	0	0	0	33.31	13.39	1.7	47.35	84.15	0	0	0
1104	12	10.8257	79.97	10	0	0	0	31.7786	13.4586	1.7	50.3729	84.35	0	0	0
1105	12	7.5	79.97	10	0	0	0	33.31	13.39	1.7	47.35	84.15	0	0	0
1106	12	13.6	128.55	10	0	0	0	21.79	11.73	1.53	53.94	85.66	0	0	0
1107	12	11.971	128.55	10	0	0	0	22.819	11.685	1.53	51.9	85.525	0	0	0
1108	12	9.799	128.55	10	0	0	0	24.191	11.625	1.53	49.18	85.345	0	0	0
1109	12	12.15	139.04	10	0	0	0	23.95	10.94	1.53	55.92	85.69	0	0	0
1110	12	10.6833	140.098	10	0	0	0	26.07	10.0956	1.66778	53.4844	85.5656	0	0	0
1111	12	9.58333	140.891	10	0	0	0	27.66	9.46222	1.77111	51.6578	85.4722	0	0	0
1112	12	8.85	141.42	10	0	0	0	28.72	9.04	1.84	50.44	85.41	0	0	0
1113	12	8.85	141.42	10	0	0	0	28.72	9.04	1.84	50.44	85.41	0	0	0
1114	12	10.6086	79.97	10	0	0	0	33.31	13.39	1.7	47.35	84.15	0	0	0
1115	12	12.405	128.55	10	0	0	0	21.8825	11.7225	1.53	53.75	85.6525	0	0	0
1116	12	10.5183	128.55	10	0	0	0	23.3792	11.6592	1.53	50.79	85.4558	0	0	0
1117	12	9.10333	128.55	10	0	0	0	24.5017	11.6117	1.53	48.57	85.3083	0	0	0
1118	12	13.82	128.55	10	0	0	0	20.76	11.77	1.53	55.97	85.8	0	0	0
1119	12	11.7743	106.26	10	0	0	0	22.34	11.29	1.25	55.14	82.34	0	0	0
1120	12	7.5	106.26	10	0	0	0	22.34	11.29	1.25	55.14	82.34	0	0	0
1121	12	13.4	97	10	0	0	0	20.66	9.78	0.85	58	87	0	0	0
1122	12	10.64	78.7857	10	0	0	0	21.5771	11.0829	0.751429	53.7143	86.0786	0	0	0
1123	12	12.9	92.5	10	0	0	0	21.03	10.06	0.77	54.2	86.85	0	0	0
1124	12	10.3414	73.8571	10	0	0	0	21.6471	11.0757	0.718571	50.75	85.95	0	0	0
1125	12	6.93	49	10	0	0	0	22.47	12.43	0.65	46.15	84.75	0	0	0
1126	12	10.7333	79.97	10	0	0	0	32.1989	13.4389	1.7	49.5422	84.2956	0	0	0
1127	12	8.79333	79.97	10	0	0	0	33.3756	13.3856	1.7	47.2189	84.1422	0	0	0
1128	12	11.04	79.97	10	0	0	0	32.1989	13.4389	1.7	49.5422	84.2956	0	0	0
1129	12	9.33	79.97	10	0	0	0	33.3756	13.3856	1.7	47.2189	84.1422	0	0	0
1130	12	12.9	52	10	0	0	0	19.54	10.62	0.68	57.3	87.2	0	0	0
1131	12	10.35	51.0014	10	0	0	0	21.3657	11.0057	0.718571	54.3857	86.3729	0	0	0
1132	12	6.95	49.67	10	0	0	0	23.8	11.52	0.77	50.5	85.27	0	0	0
1133	12	10.8322	79.97	10	0	0	0	33.71	13.37	1.7	46.54	84.1	0	0	0
1134	12	9.37889	79.97	10	0	0	0	33.71	13.37	1.7	46.54	84.1	0	0	0
1135	12	8.41	79.97	10	0	0	0	33.71	13.37	1.7	46.54	84.1	0	0	0
1136	12	12.77	79.97	10	0	0	0	33.71	13.37	1.7	46.54	84.1	0	0	0
1137	12	7.97778	38.0378	10	0	0	0	18.11	5.16111	0.782222	46.5644	87.6189	0	0	0
1138	12	9	27.9	10	0	0	0	15.35	2.89	0.84	51.48	89.65	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1139	12	10.9989	79.97	10	0	0	0	32.6489	13.42	1.7	48.64	84.2389	0	0	0
1140	12	9.44556	79.97	10	0	0	0	33.2856	13.39	1.7	47.38	84.1556	0	0	0
1141	12	13.07	79.97	10	0	0	0	31.8	13.46	1.7	50.32	84.35	0	0	0
1142	12	12.5	67.5	10	0	0	0	20.11	9.65	0.69	58.35	88	0	0	0
1143	12	10.07	62.1429	10	0	0	0	21.5714	10.2629	0.698571	54.1286	86.9071	0	0	0
1144	12	6.83	55	10	0	0	0	23.52	11.08	0.71	48.5	85.45	0	0	0
1145	12	10.8	98	10	0	0	0	20.33	10.37	0.78	56.2	86.65	0	0	0
1146	12	9.15	79.5714	10	0	0	0	21.7957	10.49	0.745714	52.9	86.1571	0	0	0
1147	12	6.95	55	10	0	0	0	23.75	10.65	0.7	48.5	85.5	0	0	0
1148	12	10.8	86.6	10	0	0	0	19.62	10.48	0.75	56.98	86.78	0	0	0
1149	12	9.13714	74.8571	10	0	0	0	20.9614	10.9471	0.724286	52.7886	86.2743	0	0	0
1150	12	6.92	59.2	10	0	0	0	22.75	11.57	0.69	47.2	85.6	0	0	0
1151	12	13.4	56	10	0	0	0	20.84	7.81	0.72	58.7	88.25	0	0	0
1152	12	10.6014	55.1429	10	0	0	0	21.89	9.44286	0.707143	55.1643	87.4571	0	0	0
1153	12	6.87	54	10	0	0	0	23.29	11.62	0.69	50.45	86.4	0	0	0
1154	12	8.85778	34.92	10	0	0	0	26.2844	7.11111	0.652222	47.3244	78.8756	0	0	0
1155	12	8.75111	38.43	10	0	0	0	28.9278	7.52444	0.638889	45.7978	77.9422	0	0	0
1156	12	8.68	40.77	10	0	0	0	30.69	7.8	0.63	44.78	77.32	0	0	0
1157	12	9	30.24	10	0	0	0	22.76	6.56	0.67	49.36	80.12	0	0	0
1158	12	11.1214	79.97	10	0	0	0	32.1429	13.4414	1.7	49.6529	84.3029	0	0	0
1159	12	13.8	90.32	10	0	0	0	31.25	8.21	1.6	46.5	84.17	0	0	0
1160	12	11.28	90.32	10	0	0	0	31.25	8.21	1.6	46.5	84.17	0	0	0
1161	12	7.92	90.32	10	0	0	0	31.25	8.21	1.6	46.5	84.17	0	0	0
1162	12	6.6298	79.5	10	0	0	0	23.2835	10.5521	0.864997	45.4443	83.2712	0	0	0
1163	12	6.83551	64.7175	10	0	0	0	21.9464	11.5893	0.707497	48.8214	85.1655	0	0	0
1164	12	15.06	53.7525	10	0	0	0	20.4983	7.58	1.2725	58.2081	85.7402	0	0	0
1165	12	12.8327	62.7107	10	0	0	0	21.2913	7.92714	1.29071	57.678	85.7675	0	0	0
1166	12	9.86286	74.655	10	0	0	0	22.3485	8.39	1.315	56.9712	85.8038	0	0	0
1167	12	12.25	81.3319	10	0	0	0	21.9437	9.165	1.39562	57.76	87.1886	0	0	0
1168	12	10.2024	77.6144	10	0	0	0	23.2618	9.945	1.49313	54.7361	86.9999	0	0	0
1169	12	8.66667	74.8262	10	0	0	0	24.2504	10.53	1.56625	52.4682	86.8583	0	0	0
1170	12	7.64286	72.9675	10	0	0	0	24.9095	10.92	1.615	50.9563	86.7638	0	0	0
1171	12	13.7857	84.12	10	0	0	0	20.9551	8.58	1.3225	60.0279	87.3302	0	0	0
1172	12	13.4116	87.375	10	0	0	0	18.2602	10.4371	0.641251	56.7927	85.3712	0	0	0
1173	12	10.63	78.0536	10	0	0	0	19.2302	10.7766	0.650356	53.5638	84.9488	0	0	0
1174	12	6.92123	65.625	10	0	0	0	20.5235	11.2293	0.662497	49.2586	84.3855	0	0	0
1175	12	12.8286	67.4775	10	0	0	0	33.1996	13.35	1.7	50.1783	86.858	0	0	0
1176	12	10.933	67.4775	10	0	0	0	33.1899	13.35	1.71071	48.9188	86.1096	0	0	0
1177	12	8.40571	67.4775	10	0	0	0	33.1769	13.35	1.725	47.2394	85.1116	0	0	0
1178	12	8.22772	85.9425	10	0	0	0	19.9681	10.935	1.025	56.7472	83.7355	0	0	0
1179	12	8.22857	85.9425	10	0	0	0	27.6138	7.41643	1.025	46.7067	82.3423	0	0	0
1180	12	7.94081	85.9425	10	0	0	0	28.8853	8.0397	1.01429	46.8954	81.3525	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1181	12	7.94081	85.9425	10	0	0	0	27.9853	7.39684	1.01429	46.2993	82.1963	0	0	0
1182	12	7.55714	85.9425	10	0	0	0	29.3805	8.01357	1	46.3522	81.1578	0	0	0
1183	12	7.55714	85.9425	10	0	0	0	21.2076	5.80214	1	50.9617	87.4189	0	0	0
1184	12	7.55714	85.9425	10	0	0	0	25.8405	10.615	1	48.9879	81.0892	0	0	0
1185	12	7.55714	85.9425	10	0	0	0	23.9976	9.78786	1	53.0987	82.4652	0	0	0
1186	12	7.55714	85.9425	10	0	0	0	27.4348	8.00929	1	44.7138	82.1584	0	0	0
1187	12	7.56451	85.9425	10	0	0	0	24.8912	8.04143	1	52.4477	85.9138	0	0	0
1188	12	7.94849	85.9425	10	0	0	0	19.4551	11.3061	1.01429	56.9734	83.1188	0	0	0
1189	12	8.23809	85.9425	10	0	0	0	19.4667	7.44595	1.025	45.2933	86.6415	0	0	0
1190	12	8.11162	87.1875	10	0	0	0	21.1316	7.53327	0.656251	47.226	86.3122	0	0	0
1191	12	8.11215	87.1875	10	0	0	0	18.9545	9.2778	0.656251	55.349	84.7436	0	0	0
1192	12	7.71463	79.4571	10	0	0	0	19.3661	9.27323	0.658927	54.866	83.8265	0	0	0
1193	12	7.71886	79.4571	10	0	0	0	22.1261	6.97823	0.658927	49.0026	85.4141	0	0	0
1194	12	7.19533	69.15	10	0	0	0	19.21	9.16569	0.662497	54.312	83.6551	0	0	0
1195	12	7.19779	69.15	10	0	0	0	18.6514	12.6562	0.662497	55.696	82.9995	0	0	0
1196	12	7.19801	69.15	10	0	0	0	25.8657	9.12069	0.662497	49.4122	83.894	0	0	0
1197	12	7.2039	69.15	10	0	0	0	18.7964	9.09069	0.662497	54.3292	84.8508	0	0	0
1198	12	7.20526	69.15	10	0	0	0	28.9643	8.66791	0.662497	46.3618	80.9151	0	0	0
1199	12	7.21001	69.15	10	0	0	0	25.7182	8.14902	0.662497	50.5319	84.2758	0	0	0
1200	12	7.74267	79.4571	10	0	0	0	28.2847	7.51823	0.658927	46.0254	82.9111	0	0	0
1201	12	8.14019	87.1875	10	0	0	0	28.2845	7.78851	0.656251	46.4441	82.9111	0	0	0
1202	12	8.11162	62.7	10	0	0	0	21.1316	7.53327	0.723751	47.226	86.3122	0	0	0
1203	12	8.11215	62.7	10	0	0	0	18.9545	9.2778	0.723751	55.349	84.7436	0	0	0
1204	12	7.71463	63.5646	10	0	0	0	19.3661	9.27323	0.716785	54.866	83.8265	0	0	0
1205	12	7.71886	63.5646	10	0	0	0	22.1261	6.97823	0.716785	49.0026	85.4141	0	0	0
1206	12	7.19533	64.7175	10	0	0	0	19.21	9.16569	0.707497	54.312	83.6551	0	0	0
1207	12	7.19779	64.7175	10	0	0	0	18.6514	12.6562	0.707497	55.696	82.9995	0	0	0
1208	12	7.19801	64.7175	10	0	0	0	25.8657	9.12069	0.707497	49.4122	83.894	0	0	0
1209	12	7.2039	64.7175	10	0	0	0	18.7964	9.09069	0.707497	54.3292	84.8508	0	0	0
1210	12	7.20526	64.7175	10	0	0	0	28.9643	8.66791	0.707497	46.3618	80.9151	0	0	0
1211	12	7.21001	64.7175	10	0	0	0	25.7182	8.14902	0.707497	50.5319	84.2758	0	0	0
1212	12	7.74267	63.5646	10	0	0	0	28.2847	7.51823	0.716785	46.0254	82.9111	0	0	0
1213	12	8.14019	62.7	10	0	0	0	28.2845	7.78851	0.723751	46.4441	82.9111	0	0	0
1214	12	8.11162	114.75	10	0	0	0	21.1316	7.53327	0.723751	47.226	86.3122	0	0	0
1215	12	8.11215	114.75	10	0	0	0	18.9545	9.2778	0.723751	55.349	84.7436	0	0	0
1216	12	7.71463	100.446	10	0	0	0	19.3661	9.27323	0.739285	54.866	83.8265	0	0	0
1217	12	7.71886	100.446	10	0	0	0	22.1261	6.97823	0.739285	49.0026	85.4141	0	0	0
1218	12	7.19533	81.375	10	0	0	0	19.21	9.16569	0.759997	54.312	83.6551	0	0	0
1219	12	7.19779	81.375	10	0	0	0	18.6514	12.6562	0.759997	55.696	82.9995	0	0	0
1220	12	7.19801	81.375	10	0	0	0	25.8657	9.12069	0.759997	49.4122	83.894	0	0	0
1221	12	7.2039	81.375	10	0	0	0	18.7964	9.09069	0.759997	54.3292	84.8508	0	0	0
1222	12	7.20526	81.375	10	0	0	0	28.9643	8.66791	0.759997	46.3618	80.9151	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1223	12	7.21001	81.375	10	0	0	0	25.7182	8.14902	0.759997	50.5319	84.2758	0	0	0
1224	12	7.74267	100.446	10	0	0	0	28.2847	7.51823	0.739285	46.0254	82.9111	0	0	0
1225	12	8.14019	114.75	10	0	0	0	28.2845	7.78851	0.723751	46.4441	82.9111	0	0	0
1226	12	10.9735	138.007	10	0	0	0	28.0833	10.1043	1.225	46.5938	81.782	0	0	0
1227	12	10.5694	138.229	10	0	0	0	28.0028	10.0642	1.21321	47.0836	81.9458	0	0	0
1228	12	7.8	138.525	10	0	0	0	26.4799	8.4	1.1975	52.6405	84.6696	0	0	0
1229	12	13.3829	67.4775	10	0	0	0	29.8884	13.51	1.4	53.1655	85.548	0	0	0
1230	12	9.24571	67.4775	10	0	0	0	29.8658	13.51	1.4	53.2574	85.5916	0	0	0
1231	12	14.7914	146.423	10	0	0	0	34.6519	0.92	2.8825	51.445	88.6902	0	0	0
1232	12	12.06	157.005	10	0	0	0	37.6893	1.28	3.08	48.2062	85.4538	0	0	0
1233	12	13.513	14.2575	10	0	0	0	22.1418	4.72286	0.54267	58.1764	88.6484	0	0	0
1234	12	9.80267	12.2304	10	0	0	0	22.6884	4.50245	0.588056	52.0275	88.3741	0	0	0
1235	12	7.01994	10.71	10	0	0	0	23.0983	4.33714	0.622096	47.4158	88.1684	0	0	0
1236	12	11.2758	18.405	10	0	0	0	19.9561	6.24	0.55767	50.7279	87.1655	0	0	0
1237	12	8.8243	13.7936	10	0	0	0	20.6006	5.23102	0.555913	47.6009	87.3075	0	0	0
1238	12	6.98566	10.335	10	0	0	0	21.084	4.47429	0.554596	45.2558	87.4141	0	0	0
1239	12	12.3901	63.7275	10	0	0	0	32.3247	12.2571	1.38267	50.6079	85.8798	0	0	0
1240	12	9.87494	63.7275	10	0	0	0	32.3178	12.2571	1.40234	48.5095	85.003	0	0	0
1241	12	7.98851	63.7275	10	0	0	0	32.3126	12.2571	1.4171	46.9358	84.3455	0	0	0
1242	12	11.183	77.625	10	0	0	0	18.3888	10.7799	0.731251	57.2641	86.6141	0	0	0
1243	12	9.34921	76.6607	10	0	0	0	19.3258	10.9027	0.708213	54.072	85.9712	0	0	0
1244	12	6.90408	75.375	10	0	0	0	20.575	11.0664	0.677497	49.8157	85.1141	0	0	0
1245	12	13.4116	87.375	10	0	0	0	18.2602	10.4371	0.641251	56.7927	85.3712	0	0	0
1246	12	10.63	78.0536	10	0	0	0	19.2302	10.7766	0.650356	53.5638	84.9488	0	0	0
1247	12	6.92123	65.625	10	0	0	0	20.5235	11.2293	0.662497	49.2586	84.3855	0	0	0
1248	12	13.1545	71.25	10	0	0	0	18.7916	9.78566	0.656251	56.167	85.8427	0	0	0
1249	12	10.4647	71.0893	10	0	0	0	19.7727	10.6248	0.66857	53.6471	85.1447	0	0	0
1250	12	6.87837	70.875	10	0	0	0	21.0807	11.7436	0.684997	50.2871	84.2141	0	0	0
1251	12	10.6803	67.4775	10	0	0	0	33.1895	13.35	1.46111	48.8721	86.0818	0	0	0
1252	12	9.31556	67.4775	10	0	0	0	33.182	13.35	1.46944	47.8925	85.4997	0	0	0
1253	12	8.40571	67.4775	10	0	0	0	33.1769	13.35	1.475	47.2394	85.1116	0	0	0
1254	12	12.5	67.4775	10	0	0	0	33.1996	13.35	1.45	50.1783	86.858	0	0	0
1255	12	11.3632	69.1868	10	0	0	0	20.3909	7.23251	0.796249	54.1501	84.1133	0	0	0
1256	12	8.73772	79.9358	10	0	0	0	18.4434	7.55248	0.741248	51.8765	85.5876	0	0	0
1257	12	6.76857	87.9975	10	0	0	0	16.9829	7.79246	0.699997	50.1713	86.6933	0	0	0
1258	12	13.3324	61.125	10	0	0	0	21.8514	6.99253	0.8375	55.8553	83.0076	0	0	0
1259	12	12.38	76.7175	10	0	0	0	24.5133	12.51	0.93	46.2724	81.9062	0	0	0
1260	12	9.67306	76.7175	10	0	0	0	24.5003	12.51	1.00143	46.5335	81.9311	0	0	0
1261	12	7.64286	76.7175	10	0	0	0	24.4906	12.51	1.055	46.7293	81.9498	0	0	0
1262	12	12.8114	49.4475	10	0	0	0	25.9619	11.52	0.8625	54.445	78.1502	0	0	0
1263	12	9.85795	50.0432	10	0	0	0	27.779	11.28	0.8625	49.3422	78.3274	0	0	0
1264	12	7.64286	50.49	10	0	0	0	29.1418	11.1	0.8625	45.5151	78.4602	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1265	12	7.64286	50.49	10	0	0	0	29.1418	11.1	0.8625	45.5151	78.4602	0	0	0
1266	12	11.8678	58.125	10	0	0	0	18.932	12.0965	0.641251	56.1207	84.7882	0	0	0
1267	12	9.0568	56.2821	10	0	0	0	20.3091	11.4634	0.657677	52.8844	84.1858	0	0	0
1268	12	6.94857	54.9	10	0	0	0	21.342	10.9886	0.669997	50.4571	83.734	0	0	0
1269	12	11.8678	67.875	10	0	0	0	18.1949	12.6622	0.693751	57.8521	85.6882	0	0	0
1270	12	9.10578	68.3036	10	0	0	0	19.4103	12.4552	0.710177	54.3513	84.7822	0	0	0
1271	12	7.03429	68.625	10	0	0	0	20.322	12.3	0.722497	51.7257	84.1025	0	0	0
1272	12	12.8257	49.4475	10	0	0	0	25.9619	11.52	1.0125	54.445	78.1502	0	0	0
1273	12	9.94245	50.0432	10	0	0	0	27.779	11.28	1.0125	49.3422	78.3274	0	0	0
1274	12	7.78	50.49	10	0	0	0	29.1418	11.1	1.0125	45.5151	78.4602	0	0	0
1275	12	12.7457	31.2	10	0	0	0	27.0962	7.93	0.94	49.086	81.8973	0	0	0
1276	12	9.37265	27.39	10	0	0	0	30.0351	7.09571	1.1	44.8216	82.0509	0	0	0
1277	12	6.84286	24.5325	10	0	0	0	32.2393	6.47	1.22	41.6233	82.1663	0	0	0
1278	12	6.84286	24.5325	10	0	0	0	32.2393	6.47	1.22	41.6233	82.1663	0	0	0
1279	12	12.78	85.9425	10	0	0	0	24.495	13.76	1.05	51.2759	86.3806	0	0	0
1280	12	10.3245	85.9425	10	0	0	0	24.482	13.76	1.06429	49.048	85.2112	0	0	0
1281	12	8.48286	85.9425	10	0	0	0	24.4723	13.76	1.075	47.3771	84.3341	0	0	0
1282	12	12.7886	31.2	10	0	0	0	27.0962	7.93	0.99	49.086	81.8973	0	0	0
1283	12	9.39102	27.39	10	0	0	0	30.0351	7.09571	1.15	44.8216	82.0509	0	0	0
1284	12	6.84286	24.5325	10	0	0	0	32.2393	6.47	1.27	41.6233	82.1663	0	0	0
1285	12	6.84286	24.5325	10	0	0	0	32.2393	6.47	1.27	41.6233	82.1663	0	0	0
1286	12	12.38	76.7175	10	0	0	0	24.5133	12.51	1.155	46.2724	81.9062	0	0	0
1287	12	10.0992	76.7175	10	0	0	0	24.5003	12.51	1.155	46.5335	81.9311	0	0	0
1288	12	8.38857	76.7175	10	0	0	0	24.4906	12.51	1.155	46.7293	81.9498	0	0	0
1289	12	9.38082	27.39	10	0	0	0	30.0351	7.09571	1.1	44.8216	82.0509	0	0	0
1290	12	6.85714	24.5325	10	0	0	0	32.2393	6.47	1.22	41.6233	82.1663	0	0	0
1291	12	6.85714	24.5325	10	0	0	0	32.2393	6.47	1.22	41.6233	82.1663	0	0	0
1292	12	14.14	87.195	10	0	0	0	25.3191	11.12	1.2375	54.4499	86.0952	0	0	0
1293	12	11.7963	87.195	10	0	0	0	25.3094	11.12	1.2375	52.0846	84.7253	0	0	0
1294	12	8.67143	87.195	10	0	0	0	25.2965	11.12	1.2375	48.931	82.8988	0	0	0
1295	12	12.3994	87.195	10	0	0	0	25.3123	11.12	1.305	52.7942	85.1363	0	0	0
1296	12	10.2691	87.195	10	0	0	0	25.3033	11.12	1.295	50.5867	83.8577	0	0	0
1297	12	8.67143	87.195	10	0	0	0	25.2965	11.12	1.2875	48.931	82.8988	0	0	0
1298	12	13.9971	87.195	10	0	0	0	25.3191	11.12	1.3125	54.4499	86.0952	0	0	0
1299	12	12.1769	87.195	10	0	0	0	24.1435	11.18	1.305	50.763	83.0383	0	0	0
1300	12	9.12886	87.195	10	0	0	0	24.1344	11.18	1.295	50.8967	83.0557	0	0	0
1301	12	6.84286	87.195	10	0	0	0	24.1276	11.18	1.2875	50.9969	83.0688	0	0	0
1302	12	14.4629	87.195	10	0	0	0	24.1503	11.18	1.3125	50.6628	83.0252	0	0	0
1303	12	12.8566	87.195	10	0	0	0	24.1435	11.18	1.305	50.763	83.0383	0	0	0
1304	12	10.7149	87.195	10	0	0	0	24.1344	11.18	1.295	50.8967	83.0557	0	0	0
1305	12	9.10857	87.195	10	0	0	0	24.1276	11.18	1.2875	50.9969	83.0688	0	0	0
1306	12	14.5743	87.195	10	0	0	0	23.7076	11.2	1.2125	51.5058	83.0852	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1307	12	12.2796	87.195	10	0	0	0	23.6979	11.2	1.23393	51.6283	83.1039	0	0	0
1308	12	9.22	87.195	10	0	0	0	23.685	11.2	1.2625	51.7916	83.1288	0	0	0
1309	12	6.94857	54.9	10	0	0	0	21.342	10.9886	0.669997	50.4571	83.734	0	0	0
1310	12	14.9171	87.195	10	0	0	0	21.3151	11.31	1.2375	55.9895	83.4252	0	0	0
1311	12	13.3109	87.195	10	0	0	0	21.3083	11.31	1.245	55.9975	83.4383	0	0	0
1312	12	11.1691	87.195	10	0	0	0	21.2992	11.31	1.255	56.0082	83.4557	0	0	0
1313	12	9.56286	87.195	10	0	0	0	21.2924	11.31	1.2625	56.0163	83.4688	0	0	0
1314	12	13.8467	79.5	10	0	0	0	16.3486	5.97253	0.83	58.9839	84.9791	0	0	0
1315	12	10.8904	73.1261	10	0	0	0	17.1971	5.64678	0.819284	53.8956	84.2333	0	0	0
1316	12	6.94857	64.6275	10	0	0	0	18.3286	5.21246	0.804997	47.1113	83.2391	0	0	0
1317	12	13.9543	87.195	10	0	0	0	25.3191	11.12	1.1625	54.4499	86.0952	0	0	0
1318	12	10.3478	87.195	10	0	0	0	25.3062	11.12	1.17679	51.2963	84.2687	0	0	0
1319	12	7.64286	87.195	10	0	0	0	25.2965	11.12	1.1875	48.931	82.8988	0	0	0
1320	12	10.9355	87.195	10	0	0	0	25.3062	11.12	1.17679	51.2963	84.2687	0	0	0
1321	12	8.67143	87.195	10	0	0	0	25.2965	11.12	1.1875	48.931	82.8988	0	0	0
1322	12	13.2909	87.195	10	0	0	0	21.3083	11.31	1.27	55.9975	83.4383	0	0	0
1323	12	11.1606	87.195	10	0	0	0	21.2992	11.31	1.28	56.0082	83.4557	0	0	0
1324	12	9.56286	87.195	10	0	0	0	21.2924	11.31	1.2875	56.0163	83.4688	0	0	0
1325	12	14.8886	87.195	10	0	0	0	21.3151	11.31	1.2625	55.9895	83.4252	0	0	0
1326	12	12.9038	84	10	0	0	0	14.9943	8.5011	0.8525	61.341	87.6791	0	0	0
1327	12	10.3516	56.3571	10	0	0	0	15.718	6.63617	0.848213	55.3528	87.3485	0	0	0
1328	12	6.94857	19.5	10	0	0	0	16.6829	4.14961	0.842497	47.3684	86.9076	0	0	0
1329	12	14.9686	87.195	10	0	0	0	21.6873	11.29	1.2125	55.2871	83.3652	0	0	0
1330	12	12.6188	87.195	10	0	0	0	21.6776	11.29	1.22321	55.3158	83.3839	0	0	0
1331	12	9.48571	87.195	10	0	0	0	21.6647	11.29	1.2375	55.3542	83.4088	0	0	0
1332	12	12.4694	87.195	10	0	0	0	25.3123	11.12	1.2075	52.7942	85.1363	0	0	0
1333	12	10.2991	87.195	10	0	0	0	25.3033	11.12	1.2675	50.5867	83.8577	0	0	0
1334	12	8.67143	87.195	10	0	0	0	25.2965	11.12	1.3125	48.931	82.8988	0	0	0
1335	12	14.0971	87.195	10	0	0	0	25.3191	11.12	1.1625	54.4499	86.0952	0	0	0
1336	12	14.5457	87.195	10	0	0	0	24.2889	11.17	1.2125	50.4181	83.0052	0	0	0
1337	12	12.1898	87.195	10	0	0	0	24.2792	11.17	1.2125	50.5676	83.0239	0	0	0
1338	12	9.04857	87.195	10	0	0	0	24.2662	11.17	1.2125	50.7669	83.0488	0	0	0
1339	12	13.2909	87.195	10	0	0	0	21.3083	11.31	1.295	55.9975	83.4383	0	0	0
1340	12	11.1606	87.195	10	0	0	0	21.2992	11.31	1.305	56.0082	83.4557	0	0	0
1341	12	9.56286	87.195	10	0	0	0	21.2924	11.31	1.3125	56.0163	83.4688	0	0	0
1342	12	14.8886	87.195	10	0	0	0	21.3151	11.31	1.2875	55.9895	83.4252	0	0	0
1343	12	12.1249	187.717	10	0	0	0	24.6877	8.616	1.194	47.111	84.0233	0	0	0
1344	12	9.10657	146.107	10	0	0	0	27.5755	8.184	1.386	42.5057	83.2808	0	0	0
1345	12	6.84286	114.9	10	0	0	0	29.7414	7.86	1.53	39.0517	82.7238	0	0	0
1346	12	14.3886	218.925	10	0	0	0	22.5219	8.94	1.05	50.565	84.5802	0	0	0
1347	12	9.77714	87.195	10	0	0	0	25.0072	10.43	1.2125	50.908	83.3604	0	0	0
1348	12	9.48327	87.195	10	0	0	0	27.0897	11.5613	1.23393	45.8491	82.1728	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1349	12	9.09952	87.195	10	0	0	0	27.3471	7.20722	1.2625	47.6807	79.0716	0	0	0
1350	12	12.3857	76.7175	10	0	0	0	24.5599	12.51	1.005	51.7828	83.4762	0	0	0
1351	12	10.0967	76.7175	10	0	0	0	24.547	12.51	1.01929	48.852	82.5982	0	0	0
1352	12	8.38	76.7175	10	0	0	0	24.5373	12.51	1.03	46.6539	81.9398	0	0	0
1353	12	14.6314	87.195	10	0	0	0	23.7076	11.2	1.0875	51.5058	83.0852	0	0	0
1354	12	11.3792	87.195	10	0	0	0	23.6979	11.2	1.09821	51.6283	83.1039	0	0	0
1355	12	7.04286	87.195	10	0	0	0	23.685	11.2	1.1125	51.7916	83.1288	0	0	0
1356	12	13.94	87.195	10	0	0	0	25.3191	11.12	1.0875	54.4499	86.0952	0	0	0
1357	12	10.9294	87.195	10	0	0	0	25.3062	11.12	1.15893	51.2963	84.2687	0	0	0
1358	12	8.67143	87.195	10	0	0	0	25.2965	11.12	1.2125	48.931	82.8988	0	0	0
1359	12	10.8314	87.195	10	0	0	0	25.3062	11.12	1.15893	51.2963	84.2687	0	0	0
1360	12	8.5	87.195	10	0	0	0	25.2965	11.12	1.2125	48.931	82.8988	0	0	0
1361	12	14.88	87.195	10	0	0	0	22.5329	11.25	1.2125	53.7167	83.2552	0	0	0
1362	12	12.5424	87.195	10	0	0	0	22.5232	11.25	1.23393	53.7844	83.2739	0	0	0
1363	12	9.42571	87.195	10	0	0	0	22.5102	11.25	1.2625	53.8747	83.2988	0	0	0
1364	12	13.0914	76.7175	10	0	0	0	21.4204	12.66	1.155	52.0628	82.3362	0	0	0
1365	12	9.52082	76.7175	10	0	0	0	23.1748	12.5743	1.155	49.0151	82.1154	0	0	0
1366	12	6.84286	76.7175	10	0	0	0	24.4906	12.51	1.155	46.7293	81.9498	0	0	0
1367	12	13.3109	87.195	10	0	0	0	21.3083	11.31	1.27	55.9975	83.4383	0	0	0
1368	12	11.1691	87.195	10	0	0	0	21.2992	11.31	1.28	56.0082	83.4557	0	0	0
1369	12	14.9171	87.195	10	0	0	0	21.3151	11.31	1.2625	55.9895	83.4252	0	0	0
1370	12	11.961	71.25	10	0	0	0	15.8514	5.72396	0.83	59.6096	85.1933	0	0	0
1371	12	9.83116	62.0893	10	0	0	0	16.6449	5.93821	0.819284	54.2605	84.0619	0	0	0
1372	12	6.99143	49.875	10	0	0	0	17.7029	6.22389	0.804997	47.1284	82.5533	0	0	0
1373	12	12.9229	85.9425	10	0	0	0	24.495	13.76	1.025	51.2759	86.3806	0	0	0
1374	12	11.02	85.9425	10	0	0	0	24.4853	13.76	1.01429	49.6049	85.5035	0	0	0
1375	12	8.48286	85.9425	10	0	0	0	24.4723	13.76	1	47.3771	84.3341	0	0	0
1376	12	12.7514	85.9425	10	0	0	0	24.495	13.76	1.025	51.2759	86.3806	0	0	0
1377	12	12.5914	76.7175	10	0	0	0	24.0344	12.54	1.005	47.185	81.9662	0	0	0
1378	12	10.3024	76.7175	10	0	0	0	24.0215	12.54	1.01929	47.4159	81.9911	0	0	0
1379	12	8.58571	76.7175	10	0	0	0	24.0118	12.54	1.03	47.5891	82.0098	0	0	0
1380	12	13.6429	72.0225	10	0	0	0	33.4962	10.42	1.0475	42.297	82.0009	0	0	0
1381	12	11.0715	72.0225	10	0	0	0	33.4865	10.42	1.02607	42.4698	82.0196	0	0	0
1382	12	7.64286	72.0225	10	0	0	0	33.4735	10.42	0.9975	42.7003	82.0445	0	0	0
1383	12	11.8514	103.913	10	0	0	0	24.3408	11.57	1.4725	53.9913	87.8298	0	0	0
1384	12	10.3048	103.913	10	0	0	0	24.3333	11.57	1.50583	51.565	87.1376	0	0	0
1385	12	9.14476	103.913	10	0	0	0	24.3276	11.57	1.53083	49.7453	86.6185	0	0	0
1386	12	8.37143	103.913	10	0	0	0	24.3238	11.57	1.5475	48.5322	86.2725	0	0	0
1387	12	13.0114	103.913	10	0	0	0	24.3465	11.57	1.4475	55.811	88.3489	0	0	0
1388	12	10.0967	76.7175	10	0	0	0	24.547	12.51	1.03357	48.852	82.5982	0	0	0
1389	12	8.38	76.7175	10	0	0	0	24.5373	12.51	1.055	46.6539	81.9398	0	0	0
1390	12	13.0743	85.9425	10	0	0	0	24.7715	13.79	1.025	47.1092	84.3906	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1391	12	11.1812	85.9425	10	0	0	0	24.7715	13.79	1.01429	47.077	84.4092	0	0	0
1392	12	8.65714	85.9425	10	0	0	0	24.7715	13.79	1	47.0341	84.4341	0	0	0
1393	12	12.9171	124.26	10	0	0	0	22.3771	11.71	0.9	53.764	85.8199	0	0	0
1394	12	9.90327	83.43	10	0	0	0	25.7462	12.2871	1.03429	47.6548	82.7701	0	0	0
1395	12	7.64286	52.8075	10	0	0	0	28.2729	12.72	1.135	43.073	80.4828	0	0	0
1396	12	7.64286	52.8075	10	0	0	0	28.2729	12.72	1.135	43.073	80.4828	0	0	0
1397	12	12.6402	72.1275	10	0	0	0	20.6859	10.2657	0.722501	57.0241	87.4884	0	0	0
1398	12	10.2002	64.0918	10	0	0	0	21.0939	10.8623	0.696785	53.2295	87.1064	0	0	0
1399	12	6.94694	53.3775	10	0	0	0	21.6378	11.6578	0.662497	48.17	86.597	0	0	0
1400	12	13.2171	85.9425	10	0	0	0	23.8034	13.79	1.025	48.2243	84.3906	0	0	0
1401	12	11.324	85.9425	10	0	0	0	23.7937	13.79	1.01429	48.3897	84.4092	0	0	0
1402	12	8.8	85.9425	10	0	0	0	23.7807	13.79	1	48.6103	84.4341	0	0	0
1403	12	12.7324	21	10	0	0	0	14.1886	7.18967	0.77	58.8981	88.0219	0	0	0
1404	12	10.2867	18.4286	10	0	0	0	14.9857	6.64719	0.826784	53.8834	87.728	0	0	0
1405	12	7.02571	15	10	0	0	0	16.0486	5.92389	0.902497	47.197	87.3362	0	0	0
1406	12	9.30653	76.7175	10	0	0	0	24.0215	12.54	1.01929	47.4159	81.9911	0	0	0
1407	12	6.84286	76.7175	10	0	0	0	24.0118	12.54	1.03	47.5891	82.0098	0	0	0
1408	12	12.9943	85.9425	10	0	0	0	24.495	13.76	1.125	51.2759	86.3806	0	0	0
1409	12	11.0609	85.9425	10	0	0	0	24.4853	13.76	1.125	49.6049	85.5035	0	0	0
1410	12	8.48286	85.9425	10	0	0	0	24.4723	13.76	1.125	47.3771	84.3341	0	0	0
1411	12	14.9171	87.195	10	0	0	0	21.3151	11.31	1.3125	55.9895	83.4252	0	0	0
1412	12	13.3109	87.195	10	0	0	0	21.3083	11.31	1.3125	55.9975	83.4383	0	0	0
1413	12	11.1691	87.195	10	0	0	0	21.2992	11.31	1.3125	56.0082	83.4557	0	0	0
1414	12	15.1543	148.74	10	0	0	0	24.6874	9.02	1.0175	55.2714	84.2002	0	0	0
1415	12	12.813	144.835	10	0	0	0	25.5907	8.87429	1.085	53.8104	83.6103	0	0	0
1416	12	9.69143	139.628	10	0	0	0	26.795	8.68	1.175	51.8623	82.8238	0	0	0
1417	12	12.4	76.7175	10	0	0	0	24.5599	12.51	1.08	51.7828	83.4762	0	0	0
1418	12	10.1029	76.7175	10	0	0	0	24.547	12.51	1.08	48.852	82.5982	0	0	0
1419	12	8.38	76.7175	10	0	0	0	24.5373	12.51	1.08	46.6539	81.9398	0	0	0
1420	12	12.3486	74.805	10	0	0	0	23.1203	13.93	0.71	49.9648	84.0102	0	0	0
1421	12	7.64286	75.9375	10	0	0	0	30.1343	13.86	0.88	45.1432	82.1996	0	0	0
1422	12	13.4116	62.7	10	0	0	0	19.1602	10.8142	0.692501	56.0213	86.3227	0	0	0
1423	12	10.5933	63.5646	10	0	0	0	20.3543	11.1464	0.698928	52.9356	85.8267	0	0	0
1424	12	12.9314	124.26	10	0	0	0	22.3771	11.71	0.975	53.764	85.8199	0	0	0
1425	12	9.90939	83.43	10	0	0	0	25.7462	12.2871	1.095	47.6548	82.7701	0	0	0
1426	12	7.64286	52.8075	10	0	0	0	28.2729	12.72	1.185	43.073	80.4828	0	0	0
1427	12	7.64286	52.8075	10	0	0	0	28.2729	12.72	1.185	43.073	80.4828	0	0	0
1428	12	10.9735	87.195	10	0	0	0	28.0833	10.1043	1.2625	46.5938	81.782	0	0	0
1429	12	10.6428	87.195	10	0	0	0	28.0028	10.0642	1.27321	47.0836	81.9458	0	0	0
1430	12	10.202	87.195	10	0	0	0	26.4799	8.4	1.2875	52.6405	84.6696	0	0	0
1431	12	11.6594	103.913	10	0	0	0	24.3397	11.57	1.58	53.6273	87.726	0	0	0
1432	12	9.78057	103.913	10	0	0	0	24.3306	11.57	1.59	50.7158	86.8954	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1433	12	8.37143	103.913	10	0	0	0	24.3238	11.57	1.5975	48.5322	86.2725	0	0	0
1434	12	13.0686	103.913	10	0	0	0	24.3465	11.57	1.5725	55.811	88.3489	0	0	0
1435	12	12.3122	87.195	10	0	0	0	23.6979	11.2	1.09821	51.6283	83.1039	0	0	0
1436	12	9.22	87.195	10	0	0	0	23.685	11.2	1.1125	51.7916	83.1288	0	0	0
1437	12	13.6029	67.4775	10	0	0	0	30.0328	13.51	1.575	52.8938	85.528	0	0	0
1438	12	11.5188	67.4775	10	0	0	0	31.0543	13.4586	1.65	51.066	85.3967	0	0	0
1439	12	8.74	67.4775	10	0	0	0	32.4163	13.39	1.75	48.6289	85.2216	0	0	0
1440	12	12.983	76.875	10	0	0	0	20.8659	10.5571	0.752501	54.7355	87.857	0	0	0
1441	12	10.3924	62.8929	10	0	0	0	21.3951	11.1574	0.713928	51.3597	87.0855	0	0	0
1442	12	6.93837	44.25	10	0	0	0	22.1007	11.9578	0.662497	46.8586	86.057	0	0	0
1443	12	13.1914	67.4775	10	0	0	0	32.4389	13.39	1.675	48.2528	85.178	0	0	0
1444	12	11.2836	67.4775	10	0	0	0	32.4292	13.39	1.71786	48.414	85.1967	0	0	0
1445	12	8.74	67.4775	10	0	0	0	32.4163	13.39	1.775	48.6289	85.2216	0	0	0
1446	12	11.0486	67.4775	10	0	0	0	31.0543	13.4586	1.65	51.066	85.3967	0	0	0
1447	12	7.64286	67.4775	10	0	0	0	32.4163	13.39	1.75	48.6289	85.2216	0	0	0
1448	12	13.1914	67.4775	10	0	0	0	32.4389	13.39	1.65	48.2528	85.178	0	0	0
1449	12	11.2836	67.4775	10	0	0	0	32.4292	13.39	1.69286	48.414	85.1967	0	0	0
1450	12	13.7714	103.913	10	0	0	0	21.0848	11.73	1.4725	54.1965	86.6889	0	0	0
1451	12	12.1566	103.913	10	0	0	0	22.0317	11.685	1.51	52.5419	86.567	0	0	0
1452	12	10.0034	103.913	10	0	0	0	23.2941	11.625	1.56	50.3357	86.4044	0	0	0
1453	12	8.38857	103.913	10	0	0	0	24.241	11.58	1.5975	48.6811	86.2825	0	0	0
1454	12	12.3143	111.78	10	0	0	0	23.2913	10.94	1.5475	56.1112	86.7201	0	0	0
1455	12	10.8285	112.573	10	0	0	0	25.3216	10.0956	1.65083	54.0757	86.6151	0	0	0
1456	12	9.71428	113.168	10	0	0	0	26.8444	9.46222	1.72833	52.5492	86.5363	0	0	0
1457	12	8.97143	113.565	10	0	0	0	27.8596	9.04	1.78	51.5314	86.4838	0	0	0
1458	12	8.97143	113.565	10	0	0	0	27.8596	9.04	1.78	51.5314	86.4838	0	0	0
1459	12	12.3714	76.7175	10	0	0	0	24.5599	12.51	1.18	51.7828	83.4762	0	0	0
1460	12	10.5974	76.7175	10	0	0	0	24.5498	12.51	1.18	49.5033	82.7934	0	0	0
1461	12	9.26698	76.7175	10	0	0	0	24.5423	12.51	1.18	47.7937	82.2812	0	0	0
1462	12	8.38	76.7175	10	0	0	0	24.5373	12.51	1.18	46.6539	81.9398	0	0	0
1463	12	11.8664	103.913	10	0	0	0	24.286	11.58	1.4725	48.2987	86.2498	0	0	0
1464	12	10.3169	103.913	10	0	0	0	24.2784	11.58	1.50583	48.4502	86.2643	0	0	0
1465	12	9.15476	103.913	10	0	0	0	24.2728	11.58	1.53083	48.5639	86.2752	0	0	0
1466	12	8.38	103.913	10	0	0	0	24.269	11.58	1.5475	48.6396	86.2825	0	0	0
1467	12	13.0286	103.913	10	0	0	0	24.2916	11.58	1.4475	48.185	86.2389	0	0	0
1468	12	12.3286	111.78	10	0	0	0	23.2913	10.94	1.5475	56.1112	86.7201	0	0	0
1469	12	10.8365	112.573	10	0	0	0	25.3216	10.0956	1.65083	54.0757	86.6151	0	0	0
1470	12	9.71745	113.168	10	0	0	0	26.8444	9.46222	1.72833	52.5492	86.5363	0	0	0
1471	12	10.8135	67.4775	10	0	0	0	32.4292	13.39	1.69286	48.414	85.1967	0	0	0
1472	12	12.49	103.913	10	0	0	0	21.159	11.7225	1.4725	54.1427	86.6923	0	0	0
1473	12	10.6633	103.913	10	0	0	0	22.5413	11.6592	1.50583	51.6969	86.5101	0	0	0
1474	12	9.29333	103.913	10	0	0	0	23.5779	11.6117	1.53083	49.8625	86.3735	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1475	12	8.38	103.913	10	0	0	0	24.269	11.58	1.5475	48.6396	86.2825	0	0	0
1476	12	13.86	103.913	10	0	0	0	20.1223	11.77	1.4475	55.9771	86.8289	0	0	0
1477	12	11.7807	103.913	10	0	0	0	24.286	11.58	1.52875	48.2987	86.2498	0	0	0
1478	12	10.2693	103.913	10	0	0	0	24.2784	11.58	1.53708	48.4502	86.2643	0	0	0
1479	12	9.13572	103.913	10	0	0	0	24.2728	11.58	1.54333	48.5639	86.2752	0	0	0
1480	12	12.9143	103.913	10	0	0	0	24.2916	11.58	1.5225	48.185	86.2389	0	0	0
1481	12	11.829	87.195	10	0	0	0	21.6776	11.29	1.22321	55.3158	83.3839	0	0	0
1482	12	7.64286	87.195	10	0	0	0	21.6647	11.29	1.2375	55.3542	83.4088	0	0	0
1483	12	13.4116	80.25	10	0	0	0	20.5488	10.3171	0.812501	57.9927	87.9855	0	0	0
1484	12	10.6484	66.5893	10	0	0	0	21.3351	11.1636	0.738571	53.9005	87.1958	0	0	0
1485	12	6.96408	48.375	10	0	0	0	22.3835	12.2921	0.639997	48.4443	86.1427	0	0	0
1486	12	11.5964	103.913	10	0	0	0	24.286	11.58	1.52875	48.2987	86.2498	0	0	0
1487	12	9.83929	103.913	10	0	0	0	24.2784	11.58	1.53708	48.4502	86.2643	0	0	0
1488	12	8.52143	103.913	10	0	0	0	24.2728	11.58	1.54333	48.5639	86.2752	0	0	0
1489	12	7.64286	103.913	10	0	0	0	24.269	11.58	1.5475	48.6396	86.2825	0	0	0
1490	12	13.2771	67.4775	10	0	0	0	32.4389	13.39	1.575	48.2528	85.178	0	0	0
1491	12	11.3326	67.4775	10	0	0	0	32.4292	13.39	1.65	48.414	85.1967	0	0	0
1492	12	10.712	67.4775	10	0	0	0	33.1895	13.35	1.41111	48.8721	86.0818	0	0	0
1493	12	9.32825	67.4775	10	0	0	0	33.182	13.35	1.41944	47.8925	85.4997	0	0	0
1494	12	8.40571	67.4775	10	0	0	0	33.1769	13.35	1.425	47.2394	85.1116	0	0	0
1495	12	12.5571	67.4775	10	0	0	0	33.1996	13.35	1.4	50.1783	86.858	0	0	0
1496	12	13.1143	76.875	10	0	0	0	20.419	10.06	0.7775	54.1476	87.8779	0	0	0
1497	12	10.5171	62.8929	10	0	0	0	21.032	11.0757	0.728214	50.702	86.9971	0	0	0
1498	12	7.05429	44.25	10	0	0	0	21.8496	12.43	0.6625	46.1078	85.8227	0	0	0
1499	12	10.7397	67.4775	10	0	0	0	31.4302	13.4389	1.4	50.3807	85.343	0	0	0
1500	12	8.88158	67.4775	10	0	0	0	32.4783	13.3856	1.4	48.496	85.2041	0	0	0
1501	12	7.64286	67.4775	10	0	0	0	33.1769	13.35	1.4	47.2394	85.1116	0	0	0
1502	12	13.2171	67.4775	10	0	0	0	30.0328	13.51	1.4	52.8938	85.528	0	0	0
1503	12	12.8371	85.9425	10	0	0	0	27.3846	13.76	1	51.197	86.3543	0	0	0
1504	12	10.611	85.9425	10	0	0	0	27.3749	13.76	0.978571	49.5261	85.4773	0	0	0
1505	12	7.64286	85.9425	10	0	0	0	27.362	13.76	0.95	47.2982	84.3079	0	0	0
1506	12	11.0787	67.4775	10	0	0	0	31.4302	13.4389	1.4	50.3807	85.343	0	0	0
1507	12	9.47491	67.4775	10	0	0	0	32.4783	13.3856	1.4	48.496	85.2041	0	0	0
1508	12	8.40571	67.4775	10	0	0	0	33.1769	13.35	1.4	47.2394	85.1116	0	0	0
1509	12	13.6429	85.9425	10	0	0	0	27.3846	13.76	1.025	51.197	86.3543	0	0	0
1510	12	11.02	85.9425	10	0	0	0	27.3749	13.76	1.01429	49.5261	85.4773	0	0	0
1511	12	9.1	85.9425	10	0	0	0	27.362	13.76	1	47.2982	84.3079	0	0	0
1512	12	12.9371	85.9425	10	0	0	0	24.495	13.76	1.025	51.2759	86.3806	0	0	0
1513	12	11.0282	85.9425	10	0	0	0	24.4853	13.76	1.01429	49.6049	85.5035	0	0	0
1514	12	10.712	67.4775	10	0	0	0	33.1895	13.35	1.4	48.8721	86.0818	0	0	0
1515	12	9.32825	67.4775	10	0	0	0	33.182	13.35	1.4	47.8925	85.4997	0	0	0
1516	12	12.983	46.5	10	0	0	0	19.5888	11.0371	0.685001	57.3927	88.157	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1517	12	10.3998	45.7511	10	0	0	0	21.1539	11.0974	0.713928	54.476	87.448	0	0	0
1518	12	6.95551	44.7525	10	0	0	0	23.2407	11.1778	0.752497	50.5871	86.5027	0	0	0
1519	12	10.6784	67.4775	10	0	0	0	32.7861	13.37	1.46111	47.7268	85.1474	0	0	0
1520	12	9.42794	67.4775	10	0	0	0	32.7786	13.37	1.46944	47.8658	85.1619	0	0	0
1521	12	8.59429	67.4775	10	0	0	0	32.7735	13.37	1.475	47.9584	85.1716	0	0	0
1522	12	12.3457	67.4775	10	0	0	0	32.7962	13.37	1.45	47.5414	85.128	0	0	0
1523	12	12.3343	74.805	10	0	0	0	23.1203	13.93	0.71	49.9648	84.0102	0	0	0
1524	12	7.81429	75.9375	10	0	0	0	30.1343	13.86	0.855	45.1432	82.1996	0	0	0
1525	12	12.4043	103.913	10	0	0	0	21.159	11.7225	1.52875	54.1427	86.6923	0	0	0
1526	12	10.6157	103.913	10	0	0	0	22.5413	11.6592	1.53708	51.6969	86.5101	0	0	0
1527	12	9.27428	103.913	10	0	0	0	23.5779	11.6117	1.54333	49.8625	86.3735	0	0	0
1528	12	13.7457	103.913	10	0	0	0	20.1223	11.77	1.5225	55.9771	86.8289	0	0	0
1529	12	10.4978	67.4775	10	0	0	0	33.1895	13.35	1.475	48.8721	86.0818	0	0	0
1530	12	9.24254	67.4775	10	0	0	0	33.182	13.35	1.475	47.8925	85.4997	0	0	0
1531	12	12.1714	67.4775	10	0	0	0	33.1996	13.35	1.475	50.1783	86.858	0	0	0
1532	12	8.20908	33.5283	10	0	0	0	18.305	5.63076	0.732767	47.6559	87.5902	0	0	0
1533	12	7.32935	39.2308	10	0	0	0	20.0655	6.74716	0.704444	44.2967	86.2845	0	0	0
1534	12	6.74286	43.0325	10	0	0	0	21.2391	7.49143	0.685563	42.0571	85.414	0	0	0
1535	12	9.38206	25.925	10	0	0	0	15.9577	4.14221	0.77053	52.135	89.3311	0	0	0
1536	12	10.8213	67.4775	10	0	0	0	31.835	13.42	1.46111	49.5696	85.2863	0	0	0
1537	12	9.48508	67.4775	10	0	0	0	32.3982	13.39	1.46944	48.6029	85.2175	0	0	0
1538	12	12.6029	67.4775	10	0	0	0	31.0842	13.46	1.45	50.8586	85.378	0	0	0
1539	12	13.4116	37.125	10	0	0	0	19.8031	10.1028	0.700001	56.0213	86.9141	0	0	0
1540	12	10.6484	41.7857	10	0	0	0	21.7429	10.7876	0.741785	53.7658	86.1243	0	0	0
1541	12	6.96408	48	10	0	0	0	24.3292	11.7007	0.797497	50.7586	85.0712	0	0	0
1542	12	10.6803	67.4775	10	0	0	0	33.1895	13.35	1.475	48.8721	86.0818	0	0	0
1543	12	9.31556	67.4775	10	0	0	0	33.182	13.35	1.475	47.8925	85.4997	0	0	0
1544	12	12.5	67.4775	10	0	0	0	33.1996	13.35	1.475	50.1783	86.858	0	0	0
1545	12	12.6402	58.125	10	0	0	0	20.0774	10.2057	0.692501	58.2927	88.8427	0	0	0
1546	12	10.1598	54.1071	10	0	0	0	21.3302	10.4607	0.698928	54.2556	87.9059	0	0	0
1547	12	6.85265	48.75	10	0	0	0	23.0007	10.8007	0.707497	48.8729	86.657	0	0	0
1548	12	11.183	81	10	0	0	0	20.2659	10.8228	0.760001	56.4498	87.6855	0	0	0
1549	12	9.37124	67.1786	10	0	0	0	21.5224	10.6554	0.734285	53.2026	87.263	0	0	0
1550	12	6.95551	48.75	10	0	0	0	23.1978	10.4321	0.699997	48.8729	86.6998	0	0	0
1551	12	12.8257	49.4475	10	0	0	0	25.9619	11.52	0.7875	54.445	78.1502	0	0	0
1552	12	9.86408	50.0432	10	0	0	0	27.779	11.28	0.858929	49.3422	78.3274	0	0	0
1553	12	7.64286	50.49	10	0	0	0	29.1418	11.1	0.9125	45.5151	78.4602	0	0	0
1554	12	7.64286	50.49	10	0	0	0	29.1418	11.1	0.9125	45.5151	78.4602	0	0	0
1555	12	13.4116	36.75	10	0	0	0	20.0431	10.4285	0.685001	57.907	87.7712	0	0	0
1556	12	10.6667	40.9286	10	0	0	0	21.4833	11.2676	0.746071	55.2474	87.2386	0	0	0
1557	12	7.00694	46.5	10	0	0	0	23.4035	12.3864	0.827497	51.7014	86.5284	0	0	0
1558	12	11.183	72.45	10	0	0	0	19.6574	10.9171	0.737501	57.1184	87.797	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1559	12	9.36022	63.6429	10	0	0	0	20.8073	11.0472	0.718213	53.1071	87.3635	0	0	0
1560	12	6.9298	51.9	10	0	0	0	22.3407	11.2207	0.692497	47.7586	86.7855	0	0	0
1561	12	13.4116	49.125	10	0	0	0	19.1174	11.6114	0.707501	56.7927	86.8284	0	0	0
1562	12	10.5933	48.8036	10	0	0	0	20.1792	10.8709	0.723571	53.4536	86.4978	0	0	0
1563	12	6.83551	48.375	10	0	0	0	21.595	9.88355	0.744997	49.0014	86.057	0	0	0
1564	12	13.4116	49.5	10	0	0	0	20.7031	8.62851	0.715001	58.5927	89.057	0	0	0
1565	12	10.6153	48.8571	10	0	0	0	21.6033	9.75782	0.705356	55.1434	88.3773	0	0	0
1566	12	6.88694	48	10	0	0	0	22.8035	11.2636	0.692497	50.5443	87.4712	0	0	0
1567	12	12.1898	87.195	10	0	0	0	24.2792	11.17	1.24464	50.5676	83.0239	0	0	0
1568	12	9.04857	87.195	10	0	0	0	24.2662	11.17	1.2875	50.7669	83.0488	0	0	0
1569	12	11.0715	72.0225	10	0	0	0	33.4865	10.42	1.03679	42.4698	82.0196	0	0	0
1570	12	7.64286	72.0225	10	0	0	0	33.4735	10.42	1.0225	42.7003	82.0445	0	0	0
1571	12	13.4116	99.75	10	0	0	0	20.7974	11.6628	0.700001	57.3498	85.0712	0	0	0
1572	12	10.5052	91.0714	10	0	0	0	21.8629	11.1868	0.770714	52.2474	84.2998	0	0	0
1573	12	8.99397	33.69	10	0	0	0	25.5697	7.11111	0.689167	47.8022	79.9252	0	0	0
1574	12	8.89301	36.3225	10	0	0	0	28.1418	7.52444	0.679167	46.6072	79.0064	0	0	0
1575	12	8.82571	38.0775	10	0	0	0	29.8565	7.8	0.6725	45.8104	78.3938	0	0	0
1576	12	9.12857	30.18	10	0	0	0	22.1403	6.56	0.7025	49.3958	81.1502	0	0	0
1577	12	13.1771	67.4775	10	0	0	0	32.4389	13.39	1.675	48.2528	85.178	0	0	0
1578	12	11.2755	67.4775	10	0	0	0	32.4292	13.39	1.69643	48.414	85.1967	0	0	0
1579	12	8.74	67.4775	10	0	0	0	32.4163	13.39	1.725	48.6289	85.2216	0	0	0
1580	12	12.6188	87.195	10	0	0	0	21.6776	11.29	1.23393	55.3158	83.3839	0	0	0
1581	12	9.48571	87.195	10	0	0	0	21.6647	11.29	1.2625	55.3542	83.4088	0	0	0
1582	12	14.7314	87.195	10	0	0	0	23.7076	11.2	1.2375	51.5058	83.0852	0	0	0
1583	12	12.3694	87.195	10	0	0	0	23.6979	11.2	1.24821	51.6283	83.1039	0	0	0
1584	12	8.20908	36.0283	10	0	0	0	18.305	5.63076	0.772778	47.6559	87.5902	0	0	0
1585	12	7.32935	41.7308	10	0	0	0	20.0655	6.74716	0.748611	44.2967	86.2845	0	0	0
1586	12	6.74286	45.5325	10	0	0	0	21.2391	7.49143	0.7325	42.0571	85.414	0	0	0
1587	12	9.38206	28.425	10	0	0	0	15.9577	4.14221	0.805	52.135	89.3311	0	0	0
1588	12	13.5314	67.4775	10	0	0	0	30.0328	13.51	1.6	52.8938	85.528	0	0	0
1589	12	11.3347	67.4775	10	0	0	0	31.3803	13.4414	1.65357	50.4705	85.3496	0	0	0
1590	12	12.8714	67.4775	10	0	0	0	33.1996	13.35	1.625	50.1783	86.858	0	0	0
1591	12	10.9575	67.4775	10	0	0	0	33.1899	13.35	1.67857	48.9188	86.1096	0	0	0
1592	12	8.40571	67.4775	10	0	0	0	33.1769	13.35	1.75	47.2394	85.1116	0	0	0
1593	12	13.9429	75.24	10	0	0	0	30.3797	8.21	1.55	47.3759	85.2002	0	0	0
1594	12	11.3971	75.24	10	0	0	0	30.37	8.21	1.60357	47.5312	85.2189	0	0	0
1595	12	8.00286	75.24	10	0	0	0	30.3571	8.21	1.675	47.7382	85.2438	0	0	0
1596	12	12.7867	51.8071	10	0	0	0	20.6439	7.92714	1.41286	57.7375	86.8165	0	0	0
1597	12	15	45.835	10	0	0	0	19.8465	7.58	1.415	58.2663	86.7705	0	0	0
1598	12	10.3423	61.7429	10	0	0	0	22.602	9.945	1.48708	54.939	88.0555	0	0	0
1599	12	12.3875	64.2213	10	0	0	0	21.2923	9.165	1.38875	57.8801	88.2298	0	0	0
1600	12	13.9214	66.08	10	0	0	0	20.3101	8.58	1.315	60.0859	88.3605	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1601	12	10.6415	62.0357	10	0	0	0	19.339	10.9217	0.690712	53.8061	86.4404	0	0	0
1602	12	13.4232	68.25	10	0	0	0	18.5304	10.9542	0.702501	56.9854	86.7925	0	0	0
1603	12	11.1847	54.985	10	0	0	0	32.2197	13.35	1.72143	50.2247	87.1562	0	0	0
1604	12	13.1071	54.985	10	0	0	0	32.2391	13.35	1.7	51.2865	87.886	0	0	0
1605	12	9.25644	67.295	10	0	0	0	19.1712	10.935	0.95	57.2538	84.7658	0	0	0
1606	12	9.25714	67.295	10	0	0	0	25.5427	8.00286	0.95	48.8866	83.6047	0	0	0
1607	12	8.68163	67.295	10	0	0	0	27.0355	8.4994	0.928571	48.5686	82.6096	0	0	0
1608	12	9.00656	68.125	10	0	0	0	20.9233	8.53433	0.712501	49.0132	87.5766	0	0	0
1609	12	9.00701	68.125	10	0	0	0	19.109	9.9881	0.712501	55.7823	86.2695	0	0	0
1610	12	8.21198	62.9714	10	0	0	0	19.4523	9.66896	0.696426	54.8913	85.5052	0	0	0
1611	12	9.00656	51.8	10	0	0	0	20.9233	8.53433	0.757501	49.0132	87.5766	0	0	0
1612	12	9.00701	51.8	10	0	0	0	19.109	9.9881	0.757501	55.7823	86.2695	0	0	0
1613	12	8.21198	52.3764	10	0	0	0	19.4523	9.66896	0.734998	54.8913	85.5052	0	0	0
1614	12	9.00656	86.5	10	0	0	0	20.9233	8.53433	0.757501	49.0132	87.5766	0	0	0
1615	12	9.00701	86.5	10	0	0	0	19.109	9.9881	0.757501	55.7823	86.2695	0	0	0
1616	12	8.21198	76.9643	10	0	0	0	19.4523	9.66896	0.749998	54.8913	85.5052	0	0	0
1617	12	10.853	102.153	10	0	0	0	26.9541	9.94918	1.25643	48.6456	83.1718	0	0	0
1618	12	11.6612	102.005	10	0	0	0	27.1152	10.1043	1.25	47.7089	82.8123	0	0	0
1619	12	13.2357	54.985	10	0	0	0	29.3069	13.51	1.1	53.3809	86.576	0	0	0
1620	12	14.9429	107.615	10	0	0	0	33.6838	0.92	3.155	52.5601	89.7205	0	0	0
1621	12	13.1659	14.505	10	0	0	0	22.0037	4.88571	0.50534	58.4529	88.2368	0	0	0
1622	12	11.3017	17.27	10	0	0	0	20.1822	6.15	0.51534	52.2457	87.0011	0	0	0
1623	12	12.2302	47.485	10	0	0	0	30.4894	11.1643	1.06534	52.1457	85.9296	0	0	0
1624	12	9.57412	61.1071	10	0	0	0	19.4186	11.0269	0.729283	54.2296	87.2925	0	0	0
1625	12	11.5661	61.75	10	0	0	0	18.6376	11.2399	0.762501	57.3782	87.8282	0	0	0
1626	12	10.6415	62.0357	10	0	0	0	19.339	10.9217	0.690712	53.8061	86.4404	0	0	0
1627	12	13.4232	68.25	10	0	0	0	18.5304	10.9542	0.702501	56.9854	86.7925	0	0	0
1628	12	10.5037	57.3929	10	0	0	0	19.791	10.7952	0.702855	53.8755	86.6037	0	0	0
1629	12	13.2089	57.5	10	0	0	0	18.9733	10.4113	0.712501	56.4639	87.1853	0	0	0
1630	12	9.47224	54.985	10	0	0	0	32.2039	13.35	1.23889	49.3595	86.5616	0	0	0
1631	12	10.7484	54.985	10	0	0	0	32.219	13.35	1.22222	50.1854	87.1291	0	0	0
1632	12	12.45	54.985	10	0	0	0	32.2391	13.35	1.2	51.2865	87.886	0	0	0
1633	12	11.3275	56.1245	10	0	0	0	20.3257	7.81203	0.822498	55.3242	84.1367	0	0	0
1634	12	13.2648	50.75	10	0	0	0	21.5429	7.78506	0.875	57.3606	83.2153	0	0	0
1635	12	9.82755	61.145	10	0	0	0	23.5707	12.51	0.962857	47.8569	82.9722	0	0	0
1636	12	12.55	61.145	10	0	0	0	23.5965	12.51	0.82	47.3348	82.9224	0	0	0
1637	12	9.97448	43.3621	10	0	0	0	26.8051	11.28	0.875	50.7145	79.3804	0	0	0
1638	12	12.8929	42.965	10	0	0	0	24.9938	11.52	0.875	55.5601	79.1805	0	0	0
1639	12	9.04788	47.5214	10	0	0	0	20.164	10.8083	0.68964	53.0159	84.7244	0	0	0
1640	12	11.8355	48.75	10	0	0	0	19.044	12.023	0.702501	56.1114	85.2265	0	0	0
1641	12	9.0887	55.5357	10	0	0	0	19.415	11.6348	0.72464	54.2383	85.2214	0	0	0
1642	12	11.8355	55.25	10	0	0	0	18.4297	12.4944	0.737501	57.5543	85.9765	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1643	12	10.1663	43.3621	10	0	0	0	26.8051	11.28	1.175	50.7145	79.3804	0	0	0
1644	12	12.9214	42.965	10	0	0	0	24.9938	11.52	1.175	55.5601	79.1805	0	0	0
1645	12	9.48672	28.26	10	0	0	0	29.1074	7.09571	0.985714	46.1533	83.0905	0	0	0
1646	12	12.8214	30.8	10	0	0	0	26.1724	7.93	0.86	50.1621	82.9145	0	0	0
1647	12	10.4918	67.295	10	0	0	0	23.5341	13.76	1.02857	50.3974	86.2566	0	0	0
1648	12	12.9	67.295	10	0	0	0	23.5599	13.76	1	52.3618	87.4011	0	0	0
1649	12	9.52346	28.26	10	0	0	0	29.1074	7.09571	1.08571	46.1533	83.0905	0	0	0
1650	12	12.9071	30.8	10	0	0	0	26.1724	7.93	0.96	50.1621	82.9145	0	0	0
1651	12	10.2969	61.145	10	0	0	0	23.5707	12.51	1.27	47.8569	82.9722	0	0	0
1652	12	12.55	61.145	10	0	0	0	23.5965	12.51	1.27	47.3348	82.9224	0	0	0
1653	12	9.50306	28.26	10	0	0	0	29.1074	7.09571	0.985714	46.1533	83.0905	0	0	0
1654	12	11.9327	68.13	10	0	0	0	24.3488	11.12	1.225	53.3821	85.7692	0	0	0
1655	12	14.25	68.13	10	0	0	0	24.3682	11.12	1.225	55.5497	87.1204	0	0	0
1656	12	12.4279	68.13	10	0	0	0	24.3547	11.12	1.36	54.0324	86.1746	0	0	0
1657	12	13.9643	68.13	10	0	0	0	24.3682	11.12	1.375	55.5497	87.1204	0	0	0
1658	12	9.20571	68.13	10	0	0	0	23.2688	11.18	1.34	51.9234	84.1114	0	0	0
1659	12	12.1657	68.13	10	0	0	0	23.2869	11.18	1.36	51.6561	84.0765	0	0	0
1660	12	14.3857	68.13	10	0	0	0	23.3005	11.18	1.375	51.4556	84.0504	0	0	0
1661	12	10.7607	68.13	10	0	0	0	23.2688	11.18	1.34	51.9234	84.1114	0	0	0
1662	12	12.8321	68.13	10	0	0	0	23.2869	11.18	1.36	51.6561	84.0765	0	0	0
1663	12	12.2592	68.13	10	0	0	0	22.8758	11.2	1.21786	52.4266	84.1478	0	0	0
1664	12	14.4786	68.13	10	0	0	0	22.8952	11.2	1.175	52.1817	84.1104	0	0	0
1665	12	13.2107	68.13	10	0	0	0	20.6766	11.31	1.24	56.0551	84.4766	0	0	0
1666	12	14.7643	68.13	10	0	0	0	20.6901	11.31	1.225	56.039	84.4504	0	0	0
1667	12	10.8064	58.7507	10	0	0	0	17.6643	6.41641	0.82714	54.8484	84.2367	0	0	0
1668	12	13.6933	63	10	0	0	0	16.9571	6.93506	0.87	59.9677	84.8581	0	0	0
1669	12	13.8786	68.13	10	0	0	0	24.3682	11.12	1.075	55.5497	87.1204	0	0	0
1670	12	13.1707	68.13	10	0	0	0	20.6766	11.31	1.29	56.0551	84.4766	0	0	0
1671	12	14.7071	68.13	10	0	0	0	20.6901	11.31	1.275	56.039	84.4504	0	0	0
1672	12	10.3574	47.5714	10	0	0	0	16.4316	7.24091	0.846426	56.0627	86.8326	0	0	0
1673	12	12.9076	66	10	0	0	0	15.8286	9.0422	0.885	61.932	87.1081	0	0	0
1674	12	12.6275	68.13	10	0	0	0	21.0152	11.29	1.19643	55.4917	84.4278	0	0	0
1675	12	14.9571	68.13	10	0	0	0	21.0346	11.29	1.175	55.4341	84.3904	0	0	0
1676	12	12.5679	68.13	10	0	0	0	24.3547	11.12	1.165	54.0324	86.1746	0	0	0
1677	12	14.1643	68.13	10	0	0	0	24.3682	11.12	1.075	55.5497	87.1204	0	0	0
1678	12	12.2796	68.13	10	0	0	0	23.4083	11.17	1.175	51.5452	84.0678	0	0	0
1679	12	14.6214	68.13	10	0	0	0	23.4277	11.17	1.175	51.2463	84.0304	0	0	0
1680	12	13.1707	68.13	10	0	0	0	20.6766	11.31	1.34	56.0551	84.4766	0	0	0
1681	12	14.7071	68.13	10	0	0	0	20.6901	11.31	1.325	56.039	84.4504	0	0	0
1682	12	12.1807	135.145	10	0	0	0	23.7225	8.616	1.156	48.3301	85.0667	0	0	0
1683	12	14.4071	155.95	10	0	0	0	21.5538	8.94	1	51.6801	85.6105	0	0	0
1684	12	9.97654	68.13	10	0	0	0	26.1644	11.1425	1.21786	47.0332	83.1105	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1685	12	10.5643	68.13	10	0	0	0	24.2493	10.43	1.175	51.4509	84.3858	0	0	0
1686	12	10.302	61.145	10	0	0	0	23.6139	12.51	0.998571	50.1883	83.6393	0	0	0
1687	12	12.5714	61.145	10	0	0	0	23.6398	12.51	0.97	52.8555	84.4924	0	0	0
1688	12	11.4184	68.13	10	0	0	0	22.8758	11.2	0.946429	52.4266	84.1478	0	0	0
1689	12	14.5929	68.13	10	0	0	0	22.8952	11.2	0.925	52.1817	84.1104	0	0	0
1690	12	10.9888	68.13	10	0	0	0	24.3424	11.12	1.06786	52.6597	85.3188	0	0	0
1691	12	13.85	68.13	10	0	0	0	24.3682	11.12	0.925	55.5497	87.1204	0	0	0
1692	12	10.7929	68.13	10	0	0	0	24.3424	11.12	1.06786	52.6597	85.3188	0	0	0
1693	12	12.5449	68.13	10	0	0	0	21.7963	11.25	1.21786	54.2189	84.3178	0	0	0
1694	12	14.85	68.13	10	0	0	0	21.8157	11.25	1.175	54.0835	84.2804	0	0	0
1695	12	9.6245	61.145	10	0	0	0	22.3511	12.5743	1.27	49.9916	83.1565	0	0	0
1696	12	13.1429	61.145	10	0	0	0	20.7508	12.66	1.27	52.3156	83.3523	0	0	0
1697	12	13.2107	68.13	10	0	0	0	20.6766	11.31	1.29	56.0551	84.4766	0	0	0
1698	12	14.7643	68.13	10	0	0	0	20.6901	11.31	1.275	56.039	84.4504	0	0	0
1699	12	9.92375	51.3929	10	0	0	0	17.2041	6.65927	0.82714	55.1525	84.0938	0	0	0
1700	12	12.1219	57.5	10	0	0	0	16.5429	6.72791	0.87	60.4891	85.0367	0	0	0
1701	12	11.2572	67.295	10	0	0	0	23.5406	13.76	0.928571	50.8885	86.5428	0	0	0
1702	12	13.1857	67.295	10	0	0	0	23.5599	13.76	0.95	52.3618	87.4011	0	0	0
1703	12	8.68571	67.295	10	0	0	0	23.5147	13.76	1.05	48.9241	85.3983	0	0	0
1704	12	12.8429	67.295	10	0	0	0	23.5599	13.76	0.95	52.3618	87.4011	0	0	0
1705	12	10.4735	61.145	10	0	0	0	23.133	12.54	0.998571	48.5818	83.0322	0	0	0
1706	12	12.7429	61.145	10	0	0	0	23.1589	12.54	0.97	48.1199	82.9824	0	0	0
1707	12	11.2143	58.015	10	0	0	0	32.6029	10.42	0.922143	43.5897	83.0592	0	0	0
1708	12	13.7857	58.015	10	0	0	0	32.6223	10.42	0.965	43.244	83.0218	0	0	0
1709	12	10.5095	79.275	10	0	0	0	23.3565	11.57	1.48167	52.945	88.192	0	0	0
1710	12	12.0429	79.275	10	0	0	0	23.3717	11.57	1.415	55.2176	88.8696	0	0	0
1711	12	13.1929	79.275	10	0	0	0	23.383	11.57	1.365	56.922	89.3778	0	0	0
1712	12	10.302	61.145	10	0	0	0	23.6139	12.51	1.02714	50.1883	83.6393	0	0	0
1713	12	11.2153	67.295	10	0	0	0	24.8629	13.79	0.928571	46.8341	85.4485	0	0	0
1714	12	13.1286	67.295	10	0	0	0	24.8629	13.79	0.95	46.8985	85.4111	0	0	0
1715	12	10.0265	65.62	10	0	0	0	24.7823	12.2871	1.00857	49.0182	83.8202	0	0	0
1716	12	13.0143	92.84	10	0	0	0	21.4443	11.71	0.9	54.848	86.8399	0	0	0
1717	12	10.2833	52.7279	10	0	0	0	20.892	10.9932	0.697856	53.5275	88.2384	0	0	0
1718	12	12.7804	58.085	10	0	0	0	20.5519	10.8113	0.715002	57.1782	88.5568	0	0	0
1719	12	11.501	67.295	10	0	0	0	22.9073	13.79	0.928571	49.4594	85.4485	0	0	0
1720	12	13.4143	67.295	10	0	0	0	22.9267	13.79	0.95	49.1285	85.4111	0	0	0
1721	12	10.3033	22.2857	10	0	0	0	15.8214	7.25009	0.83214	54.8382	87.1489	0	0	0
1722	12	12.7648	24	10	0	0	0	15.1571	7.94934	0.83	59.8963	87.3938	0	0	0
1723	12	9.45306	61.145	10	0	0	0	23.133	12.54	0.998571	48.5818	83.0322	0	0	0
1724	12	11.3388	67.295	10	0	0	0	23.5406	13.76	1.15	50.8885	86.5428	0	0	0
1725	12	13.3286	67.295	10	0	0	0	23.5599	13.76	1.15	52.3618	87.4011	0	0	0
1726	12	13.2107	68.13	10	0	0	0	20.6766	11.31	1.375	56.0551	84.4766	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1727	12	14.7643	68.13	10	0	0	0	20.6901	11.31	1.375	56.039	84.4504	0	0	0
1728	12	12.799	106.556	10	0	0	0	24.8942	8.87429	1.13286	54.2007	84.6593	0	0	0
1729	12	15.1286	109.16	10	0	0	0	23.9749	9.02	1.045	55.6528	85.2305	0	0	0
1730	12	10.3143	61.145	10	0	0	0	23.6139	12.51	1.12	50.1883	83.6393	0	0	0
1731	12	12.6	61.145	10	0	0	0	23.6398	12.51	1.12	52.8555	84.4924	0	0	0
1732	12	7.78571	60.625	10	0	0	0	29.3287	13.86	0.92	46.5565	83.2192	0	0	0
1733	12	12.5071	59.87	10	0	0	0	22.2206	13.93	0.74	51.0196	85.0204	0	0	0
1734	12	10.6108	52.3764	10	0	0	0	20.2758	11.23	0.699284	53.2827	87.1721	0	0	0
1735	12	13.4232	51.8	10	0	0	0	19.2804	11.2685	0.695002	56.3425	87.5853	0	0	0
1736	12	10.0388	65.62	10	0	0	0	24.7823	12.2871	1.13	49.0182	83.8202	0	0	0
1737	12	13.0429	92.84	10	0	0	0	21.4443	11.71	1.05	54.848	86.8399	0	0	0
1738	12	11	68.13	10	0	0	0	26.9541	9.94918	1.29643	48.6456	83.1718	0	0	0
1739	12	11.6612	68.13	10	0	0	0	27.1152	10.1043	1.275	47.7089	82.8123	0	0	0
1740	12	11.8929	79.275	10	0	0	0	23.3694	11.57	1.63	54.8767	88.768	0	0	0
1741	12	13.3071	79.275	10	0	0	0	23.383	11.57	1.615	56.922	89.3778	0	0	0
1742	12	12.3245	68.13	10	0	0	0	22.8758	11.2	0.946429	52.4266	84.1478	0	0	0
1743	12	11.749	54.985	10	0	0	0	30.33	13.4586	1.6	51.7591	86.4433	0	0	0
1744	12	13.8857	54.985	10	0	0	0	29.4355	13.51	1.45	53.1475	86.556	0	0	0
1745	12	10.4435	51.9286	10	0	0	0	21.143	11.2391	0.709284	51.9694	88.2211	0	0	0
1746	12	13.0661	61.25	10	0	0	0	20.7019	11.0542	0.735002	55.2711	88.8639	0	0	0
1747	12	11.4959	54.985	10	0	0	0	31.5485	13.39	1.73571	49.4779	86.2433	0	0	0
1748	12	13.4429	54.985	10	0	0	0	31.5679	13.39	1.65	49.1555	86.206	0	0	0
1749	12	11.2714	54.985	10	0	0	0	30.33	13.4586	1.6	51.7591	86.4433	0	0	0
1750	12	11.4959	54.985	10	0	0	0	31.5485	13.39	1.68571	49.4779	86.2433	0	0	0
1751	12	13.4429	54.985	10	0	0	0	31.5679	13.39	1.6	49.1555	86.206	0	0	0
1752	12	12.3421	79.275	10	0	0	0	21.2443	11.685	1.49	53.1838	87.609	0	0	0
1753	12	13.9429	79.275	10	0	0	0	20.3796	11.73	1.415	54.453	87.7178	0	0	0
1754	12	10.9738	85.0489	10	0	0	0	24.5733	10.0956	1.63389	54.667	87.6647	0	0	0
1755	12	12.4786	84.52	10	0	0	0	22.6325	10.94	1.565	56.3023	87.7503	0	0	0
1756	12	10.7905	61.145	10	0	0	0	23.6197	12.51	1.32	50.7811	83.8289	0	0	0
1757	12	12.5429	61.145	10	0	0	0	23.6398	12.51	1.32	52.8555	84.4924	0	0	0
1758	12	12.0554	79.275	10	0	0	0	23.322	11.58	1.415	49.5074	87.2896	0	0	0
1759	12	13.2071	79.275	10	0	0	0	23.3333	11.58	1.365	49.2801	87.2678	0	0	0
1760	12	10.9897	85.0489	10	0	0	0	24.5733	10.0956	1.63389	54.667	87.6647	0	0	0
1761	12	12.5071	84.52	10	0	0	0	22.6325	10.94	1.565	56.3023	87.7503	0	0	0
1762	12	11.0184	54.985	10	0	0	0	31.5485	13.39	1.68571	49.4779	86.2433	0	0	0
1763	12	12.575	79.275	10	0	0	0	20.4355	11.7225	1.415	54.5355	87.7321	0	0	0
1764	12	13.9	79.275	10	0	0	0	19.4847	11.77	1.365	55.9842	87.8578	0	0	0
1765	12	11.8839	79.275	10	0	0	0	23.322	11.58	1.5275	49.5074	87.2896	0	0	0
1766	12	12.9786	79.275	10	0	0	0	23.3333	11.58	1.515	49.2801	87.2678	0	0	0
1767	12	11.8837	68.13	10	0	0	0	21.0152	11.29	1.19643	55.4917	84.4278	0	0	0
1768	12	10.6568	54.3929	10	0	0	0	21.093	11.2442	0.725713	54.0868	88.3129	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1769	12	13.4232	63.5	10	0	0	0	20.4376	10.8542	0.775002	57.9854	88.9711	0	0	0
1770	12	11.6804	79.275	10	0	0	0	23.322	11.58	1.5275	49.5074	87.2896	0	0	0
1771	12	11.5939	54.985	10	0	0	0	31.5485	13.39	1.6	49.4779	86.2433	0	0	0
1772	12	13.6143	54.985	10	0	0	0	31.5679	13.39	1.45	49.1555	86.206	0	0	0
1773	12	9.49761	54.985	10	0	0	0	32.2039	13.35	1.13889	49.3595	86.5616	0	0	0
1774	12	10.8119	54.985	10	0	0	0	32.219	13.35	1.12222	50.1854	87.1291	0	0	0
1775	12	12.5643	54.985	10	0	0	0	32.2391	13.35	1.1	51.2865	87.886	0	0	0
1776	12	10.6928	51.9286	10	0	0	0	20.417	11.0757	0.737857	50.654	88.0441	0	0	0
1777	12	13.3286	61.25	10	0	0	0	19.8079	10.06	0.785	54.0953	88.9057	0	0	0
1778	12	8.96984	54.985	10	0	0	0	31.5809	13.3856	1.1	49.773	86.266	0	0	0
1779	12	10.746	54.985	10	0	0	0	30.6615	13.4389	1.1	51.2192	86.3903	0	0	0
1780	12	13.1143	54.985	10	0	0	0	29.4355	13.51	1.1	53.1475	86.556	0	0	0
1781	12	10.7735	67.295	10	0	0	0	26.5198	13.76	0.857143	50.7307	86.4903	0	0	0
1782	12	13.0143	67.295	10	0	0	0	26.5392	13.76	0.9	52.204	87.3486	0	0	0
1783	12	9.61983	54.985	10	0	0	0	31.5809	13.3856	1.1	49.773	86.266	0	0	0
1784	12	11.1175	54.985	10	0	0	0	30.6615	13.4389	1.1	51.2192	86.3903	0	0	0
1785	12	11.2572	67.295	10	0	0	0	26.5198	13.76	0.928571	50.7307	86.4903	0	0	0
1786	12	13.7857	67.295	10	0	0	0	26.5392	13.76	0.95	52.204	87.3486	0	0	0
1787	12	11.2735	67.295	10	0	0	0	23.5406	13.76	0.928571	50.8885	86.5428	0	0	0
1788	12	13.2143	67.295	10	0	0	0	23.5599	13.76	0.95	52.3618	87.4011	0	0	0
1789	12	9.49761	54.985	10	0	0	0	32.2039	13.35	1.1	49.3595	86.5616	0	0	0
1790	12	10.8119	54.985	10	0	0	0	32.219	13.35	1.1	50.1854	87.1291	0	0	0
1791	12	10.4496	40.5007	10	0	0	0	20.942	11.1891	0.709284	54.5663	88.5231	0	0	0
1792	12	13.0661	41	10	0	0	0	19.6376	11.4542	0.690002	57.4854	89.1139	0	0	0
1793	12	9.47698	54.985	10	0	0	0	31.8471	13.37	1.23889	49.1915	86.2238	0	0	0
1794	12	10.5246	54.985	10	0	0	0	31.8622	13.37	1.22222	48.9135	86.1947	0	0	0
1795	12	11.9214	54.985	10	0	0	0	31.8823	13.37	1.2	48.5429	86.156	0	0	0
1796	12	8.12857	60.625	10	0	0	0	29.3287	13.86	0.87	46.5565	83.2192	0	0	0
1797	12	12.4786	59.87	10	0	0	0	22.2206	13.93	0.74	51.0196	85.0204	0	0	0
1798	12	12.4036	79.275	10	0	0	0	20.4355	11.7225	1.5275	54.5355	87.7321	0	0	0
1799	12	13.6714	79.275	10	0	0	0	19.4847	11.77	1.515	55.9842	87.8578	0	0	0
1800	12	9.32619	54.985	10	0	0	0	32.2039	13.35	1.25	49.3595	86.5616	0	0	0
1801	12	10.3833	54.985	10	0	0	0	32.219	13.35	1.25	50.1854	87.1291	0	0	0
1802	12	11.7929	54.985	10	0	0	0	32.2391	13.35	1.25	51.2865	87.886	0	0	0
1803	12	7.44758	32.8206	10	0	0	0	19.951	6.62988	0.67	45.7155	86.4733	0	0	0
1804	12	8.44038	29.0189	10	0	0	0	18.5	6.10041	0.683312	48.7474	87.5614	0	0	0
1805	12	9.76411	23.95	10	0	0	0	16.5654	5.39443	0.70106	52.79	89.0122	0	0	0
1806	12	9.52461	54.985	10	0	0	0	31.5107	13.39	1.23889	49.8258	86.2794	0	0	0
1807	12	10.6437	54.985	10	0	0	0	31.0211	13.42	1.22222	50.4992	86.3336	0	0	0
1808	12	12.1357	54.985	10	0	0	0	30.3684	13.46	1.2	51.3971	86.406	0	0	0
1809	12	10.6568	37.8571	10	0	0	0	21.4329	10.931	0.727856	53.9745	87.4201	0	0	0
1810	12	13.4232	34.75	10	0	0	0	19.8161	10.6756	0.700002	56.3425	88.0782	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1811	12	9.47224	54.985	10	0	0	0	32.2039	13.35	1.25	49.3595	86.5616	0	0	0
1812	12	10.7484	54.985	10	0	0	0	32.219	13.35	1.25	50.1854	87.1291	0	0	0
1813	12	12.45	54.985	10	0	0	0	32.2391	13.35	1.25	51.2865	87.886	0	0	0
1814	12	10.2496	46.0714	10	0	0	0	21.089	10.6585	0.699284	54.3827	88.9047	0	0	0
1815	12	12.7804	48.75	10	0	0	0	20.0447	10.7613	0.695002	58.2354	89.6853	0	0	0
1816	12	9.59249	54.7857	10	0	0	0	21.2492	10.8207	0.722856	53.5051	88.369	0	0	0
1817	12	11.5661	64	10	0	0	0	20.2019	11.2756	0.740002	56.6997	88.7211	0	0	0
1818	12	9.98674	43.3621	10	0	0	0	26.8051	11.28	0.867857	50.7145	79.3804	0	0	0
1819	12	12.9214	42.965	10	0	0	0	24.9938	11.52	0.725	55.5601	79.1805	0	0	0
1820	12	10.6721	37.2857	10	0	0	0	21.2165	11.331	0.730713	55.2092	88.3486	0	0	0
1821	12	13.4232	34.5	10	0	0	0	20.0161	10.947	0.690002	57.9139	88.7925	0	0	0
1822	12	9.5833	52.4286	10	0	0	0	20.6533	11.1472	0.712141	53.4255	88.4527	0	0	0
1823	12	11.5661	58.3	10	0	0	0	19.6947	11.3542	0.725002	57.2568	88.8139	0	0	0
1824	12	10.6108	42.5357	10	0	0	0	20.1298	11.0003	0.715713	53.7143	87.7313	0	0	0
1825	12	13.4232	42.75	10	0	0	0	19.2447	11.9327	0.705002	56.9854	88.0068	0	0	0
1826	12	10.6292	42.5714	10	0	0	0	21.3165	10.0728	0.70357	55.1225	89.2976	0	0	0
1827	12	13.4232	43	10	0	0	0	20.5661	9.44703	0.710002	58.4854	89.8639	0	0	0
1828	12	12.2796	68.13	10	0	0	0	23.4083	11.17	1.23929	51.5452	84.0678	0	0	0
1829	12	11.2143	58.015	10	0	0	0	32.6029	10.42	0.943571	43.5897	83.0592	0	0	0
1830	12	10.5374	70.7143	10	0	0	0	21.5329	11.2636	0.747141	52.7092	85.8996	0	0	0
1831	12	13.4232	76.5	10	0	0	0	20.6447	11.9756	0.700002	57.4497	86.5425	0	0	0
1832	12	9.03492	34.215	10	0	0	0	27.3559	7.52444	0.719444	47.4165	80.0705	0	0	0
1833	12	9.13016	32.46	10	0	0	0	24.855	7.11111	0.726111	48.2801	80.9748	0	0	0
1834	12	9.25714	30.12	10	0	0	0	21.5207	6.56	0.735	49.4315	82.1805	0	0	0
1835	12	11.4796	54.985	10	0	0	0	31.5485	13.39	1.69286	49.4779	86.2433	0	0	0
1836	12	13.4143	54.985	10	0	0	0	31.5679	13.39	1.65	49.1555	86.206	0	0	0
1837	12	12.6275	68.13	10	0	0	0	21.0152	11.29	1.21786	55.4917	84.4278	0	0	0
1838	12	12.4388	68.13	10	0	0	0	22.8758	11.2	1.24643	52.4266	84.1478	0	0	0
1839	12	14.7929	68.13	10	0	0	0	22.8952	11.2	1.225	52.1817	84.1104	0	0	0
1840	12	7.44758	37.8206	10	0	0	0	19.951	6.62988	0.758333	45.7155	86.4733	0	0	0
1841	12	8.44038	34.0189	10	0	0	0	18.5	6.10041	0.763333	48.7474	87.5614	0	0	0
1842	12	9.76411	28.95	10	0	0	0	16.5654	5.39443	0.77	52.79	89.0122	0	0	0
1843	12	13.7429	54.985	10	0	0	0	29.4355	13.51	1.5	53.1475	86.556	0	0	0
1844	12	11.5479	54.985	10	0	0	0	30.6177	13.4414	1.60714	51.2881	86.3962	0	0	0
1845	12	13.1929	54.985	10	0	0	0	32.2391	13.35	1.55	51.2865	87.886	0	0	0
1846	12	11.2337	54.985	10	0	0	0	32.2197	13.35	1.65714	50.2247	87.1562	0	0	0
1847	12	14.0857	60.16	10	0	0	0	29.5094	8.21	1.5	48.2519	86.2305	0	0	0
1848	12	11.5143	60.16	10	0	0	0	29.49	8.21	1.60714	48.5624	86.2679	0	0	0
1849	12	6.68959	63	10	0	0	0	22.7171	10.3142	0.809993	46.3886	85.0425	0	0	0
1850	12	6.86102	53.145	10	0	0	0	21.6028	11.1785	0.704993	49.2029	86.6211	0	0	0
1851	12	9.83571	59.77	10	0	0	0	21.707	8.39	1.41	57.0323	86.8777	0	0	0
1852	12	8.80833	59.8842	10	0	0	0	23.5842	10.53	1.56083	52.7331	87.9248	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1853	12	7.78571	58.645	10	0	0	0	24.2389	10.92	1.61	51.2626	87.8377	0	0	0
1854	12	13.4232	68.25	10	0	0	0	18.5304	10.9542	0.702501	56.9854	86.7925	0	0	0
1855	12	10.6415	62.0357	10	0	0	0	19.339	10.9217	0.690712	53.8061	86.4404	0	0	0
1856	12	6.93245	53.75	10	0	0	0	20.4171	10.8785	0.674993	49.5671	85.9711	0	0	0
1857	12	13.1071	54.985	10	0	0	0	32.2391	13.35	1.7	51.2865	87.886	0	0	0
1858	12	11.1847	54.985	10	0	0	0	32.2197	13.35	1.72143	50.2247	87.1562	0	0	0
1859	12	8.62143	54.985	10	0	0	0	32.1939	13.35	1.75	48.8089	86.1832	0	0	0
1860	12	8.68163	67.295	10	0	0	0	26.2855	7.96369	0.928571	48.0718	83.3127	0	0	0
1861	12	7.91429	67.295	10	0	0	0	28.026	8.44714	0.9	47.4821	82.2202	0	0	0
1862	12	7.91429	67.295	10	0	0	0	21.2153	6.60429	0.9	51.3234	87.4378	0	0	0
1863	12	7.91429	67.295	10	0	0	0	25.076	10.615	0.9	49.6786	82.1631	0	0	0
1864	12	7.91429	67.295	10	0	0	0	23.5403	9.92571	0.9	53.1042	83.3097	0	0	0
1865	12	7.91429	67.295	10	0	0	0	26.4046	8.44357	0.9	46.1169	83.054	0	0	0
1866	12	7.92043	67.295	10	0	0	0	24.2849	8.47036	0.9	52.5617	86.1835	0	0	0
1867	12	8.68803	67.295	10	0	0	0	19.1771	11.2214	0.928571	56.967	84.0815	0	0	0
1868	12	9.26508	67.295	10	0	0	0	18.7534	8.02746	0.95	47.7089	87.1874	0	0	0
1869	12	8.2155	62.9714	10	0	0	0	21.7523	7.75646	0.696426	50.0051	86.8282	0	0	0
1870	12	7.16087	56.1	10	0	0	0	19.3224	9.15889	0.674993	53.7784	85.3623	0	0	0
1871	12	7.16292	56.1	10	0	0	0	18.8569	12.0676	0.674993	54.9316	84.8161	0	0	0
1872	12	7.16311	56.1	10	0	0	0	24.8688	9.12139	0.674993	49.6951	85.5614	0	0	0
1873	12	7.16802	56.1	10	0	0	0	18.9778	9.09639	0.674993	53.7926	86.3588	0	0	0
1874	12	7.16914	56.1	10	0	0	0	27.4511	8.74407	0.674993	47.1531	83.0791	0	0	0
1875	12	7.17311	56.1	10	0	0	0	24.746	8.31166	0.674993	50.6282	85.8796	0	0	0
1876	12	8.23534	62.9714	10	0	0	0	26.8844	8.20646	0.696426	47.5242	84.7423	0	0	0
1877	12	9.03037	68.125	10	0	0	0	26.884	8.74703	0.712501	48.3616	84.7423	0	0	0
1878	12	8.2155	52.3764	10	0	0	0	21.7523	7.75646	0.734998	50.0051	86.8282	0	0	0
1879	12	7.16087	53.145	10	0	0	0	19.3224	9.15889	0.704993	53.7784	85.3623	0	0	0
1880	12	7.16292	53.145	10	0	0	0	18.8569	12.0676	0.704993	54.9316	84.8161	0	0	0
1881	12	7.16311	53.145	10	0	0	0	24.8688	9.12139	0.704993	49.6951	85.5614	0	0	0
1882	12	7.16802	53.145	10	0	0	0	18.9778	9.09639	0.704993	53.7926	86.3588	0	0	0
1883	12	7.16914	53.145	10	0	0	0	27.4511	8.74407	0.704993	47.1531	83.0791	0	0	0
1884	12	7.17311	53.145	10	0	0	0	24.746	8.31166	0.704993	50.6282	85.8796	0	0	0
1885	12	8.23534	52.3764	10	0	0	0	26.8844	8.20646	0.734998	47.5242	84.7423	0	0	0
1886	12	9.03037	51.8	10	0	0	0	26.884	8.74703	0.757501	48.3616	84.7423	0	0	0
1887	12	8.2155	76.9643	10	0	0	0	21.7523	7.75646	0.749998	50.0051	86.8282	0	0	0
1888	12	7.16087	64.25	10	0	0	0	19.3224	9.15889	0.739993	53.7784	85.3623	0	0	0
1889	12	7.16292	64.25	10	0	0	0	18.8569	12.0676	0.739993	54.9316	84.8161	0	0	0
1890	12	7.16311	64.25	10	0	0	0	24.8688	9.12139	0.739993	49.6951	85.5614	0	0	0
1891	12	7.16802	64.25	10	0	0	0	18.9778	9.09639	0.739993	53.7926	86.3588	0	0	0
1892	12	7.16914	64.25	10	0	0	0	27.4511	8.74407	0.739993	47.1531	83.0791	0	0	0
1893	12	7.17311	64.25	10	0	0	0	24.746	8.31166	0.739993	50.6282	85.8796	0	0	0
1894	12	8.23534	76.9643	10	0	0	0	26.8844	8.20646	0.749998	47.5242	84.7423	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1895	12	9.03037	86.5	10	0	0	0	26.884	8.74703	0.757501	48.3616	84.7423	0	0	0
1896	12	11.6612	102.005	10	0	0	0	27.1152	10.1043	1.25	47.7089	82.8123	0	0	0
1897	12	10.853	102.153	10	0	0	0	26.9541	9.94918	1.25643	48.6456	83.1718	0	0	0
1898	12	9.7755	102.35	10	0	0	0	25.5599	8.4	1.265	53.981	85.7392	0	0	0
1899	12	13.2357	54.985	10	0	0	0	29.3069	13.51	1.1	53.3809	86.576	0	0	0
1900	12	9.32143	54.985	10	0	0	0	29.2616	13.51	1.1	53.5647	86.6632	0	0	0
1901	12	12.3	114.67	10	0	0	0	36.6985	1.28	3.42	49.7824	86.5277	0	0	0
1902	12	9.63106	13.1536	10	0	0	0	22.451	4.70204	0.561827	52.8235	88.0082	0	0	0
1903	12	6.97989	12.14	10	0	0	0	22.7865	4.56429	0.604192	48.6015	87.8367	0	0	0
1904	12	8.81575	14.1957	10	0	0	0	20.7112	5.30919	0.540398	49.1347	87.1194	0	0	0
1905	12	6.95131	11.89	10	0	0	0	21.108	4.67857	0.559192	46.8015	87.2082	0	0	0
1906	12	12.2302	47.485	10	0	0	0	30.4894	11.1643	1.06534	52.1457	85.9296	0	0	0
1907	12	9.69128	47.485	10	0	0	0	30.4755	11.1643	1.10468	49.8919	85.199	0	0	0
1908	12	7.78703	47.485	10	0	0	0	30.4651	11.1643	1.13419	48.2015	84.651	0	0	0
1909	12	11.5661	61.75	10	0	0	0	18.6376	11.2399	0.762501	57.3782	87.8282	0	0	0
1910	12	9.57412	61.1071	10	0	0	0	19.4186	11.0269	0.729283	54.2296	87.2925	0	0	0
1911	12	6.91817	60.25	10	0	0	0	20.4599	10.7428	0.684993	50.0314	86.5782	0	0	0
1912	12	13.4232	68.25	10	0	0	0	18.5304	10.9542	0.702501	56.9854	86.7925	0	0	0
1913	12	10.6415	62.0357	10	0	0	0	19.339	10.9217	0.690712	53.8061	86.4404	0	0	0
1914	12	6.93245	53.75	10	0	0	0	20.4171	10.8785	0.674993	49.5671	85.9711	0	0	0
1915	12	13.2089	57.5	10	0	0	0	18.9733	10.4113	0.712501	56.4639	87.1853	0	0	0
1916	12	10.5037	57.3929	10	0	0	0	19.791	10.7952	0.702855	53.8755	86.6037	0	0	0
1917	12	6.89674	57.25	10	0	0	0	20.8813	11.3071	0.689993	50.4243	85.8282	0	0	0
1918	12	10.7484	54.985	10	0	0	0	32.219	13.35	1.22222	50.1854	87.1291	0	0	0
1919	12	9.47224	54.985	10	0	0	0	32.2039	13.35	1.23889	49.3595	86.5616	0	0	0
1920	12	8.62143	54.985	10	0	0	0	32.1939	13.35	1.25	48.8089	86.1832	0	0	0
1921	12	11.3275	56.1245	10	0	0	0	20.3257	7.81203	0.822498	55.3242	84.1367	0	0	0
1922	12	8.74443	63.2905	10	0	0	0	18.7029	7.84797	0.752495	52.6089	85.3653	0	0	0
1923	12	6.80714	68.665	10	0	0	0	17.4857	7.87493	0.699993	50.5725	86.2867	0	0	0
1924	12	12.55	61.145	10	0	0	0	23.5965	12.51	0.82	47.3348	82.9224	0	0	0
1925	12	9.82755	61.145	10	0	0	0	23.5707	12.51	0.962857	47.8569	82.9722	0	0	0
1926	12	7.78571	61.145	10	0	0	0	23.5513	12.51	1.07	48.2486	83.0096	0	0	0
1927	12	9.97448	43.3621	10	0	0	0	26.8051	11.28	0.875	50.7145	79.3804	0	0	0
1928	12	7.78571	43.66	10	0	0	0	28.1636	11.1	0.875	47.0803	79.5303	0	0	0
1929	12	11.8355	48.75	10	0	0	0	19.044	12.023	0.702501	56.1114	85.2265	0	0	0
1930	12	9.04788	47.5214	10	0	0	0	20.164	10.8083	0.68964	53.0159	84.7244	0	0	0
1931	12	6.95714	46.6	10	0	0	0	21.004	9.89715	0.679993	50.6942	84.3479	0	0	0
1932	12	11.8355	55.25	10	0	0	0	18.4297	12.4944	0.737501	57.5543	85.9765	0	0	0
1933	12	9.0887	55.5357	10	0	0	0	19.415	11.6348	0.72464	54.2383	85.2214	0	0	0
1934	12	7.02857	55.75	10	0	0	0	20.154	10.99	0.714993	51.7514	84.6551	0	0	0
1935	12	10.1663	43.3621	10	0	0	0	26.8051	11.28	1.175	50.7145	79.3804	0	0	0
1936	12	8.1	43.66	10	0	0	0	28.1636	11.1	1.175	47.0803	79.5303	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1937	12	12.8214	30.8	10	0	0	0	26.1724	7.93	0.86	50.1621	82.9145	0	0	0
1938	12	9.48672	28.26	10	0	0	0	29.1074	7.09571	0.985714	46.1533	83.0905	0	0	0
1939	12	6.98571	26.355	10	0	0	0	31.3086	6.47	1.08	43.1467	83.2225	0	0	0
1940	12	12.9	67.295	10	0	0	0	23.5599	13.76	1	52.3618	87.4011	0	0	0
1941	12	10.4918	67.295	10	0	0	0	23.5341	13.76	1.02857	50.3974	86.2566	0	0	0
1942	12	8.68571	67.295	10	0	0	0	23.5147	13.76	1.05	48.9241	85.3983	0	0	0
1943	12	12.9071	30.8	10	0	0	0	26.1724	7.93	0.96	50.1621	82.9145	0	0	0
1944	12	9.52346	28.26	10	0	0	0	29.1074	7.09571	1.08571	46.1533	83.0905	0	0	0
1945	12	6.98571	26.355	10	0	0	0	31.3086	6.47	1.18	43.1467	83.2225	0	0	0
1946	12	12.55	61.145	10	0	0	0	23.5965	12.51	1.27	47.3348	82.9224	0	0	0
1947	12	10.2969	61.145	10	0	0	0	23.5707	12.51	1.27	47.8569	82.9722	0	0	0
1948	12	8.60714	61.145	10	0	0	0	23.5513	12.51	1.27	48.2486	83.0096	0	0	0
1949	12	9.50306	28.26	10	0	0	0	29.1074	7.09571	0.985714	46.1533	83.0905	0	0	0
1950	12	7.01429	26.355	10	0	0	0	31.3086	6.47	1.08	43.1467	83.2225	0	0	0
1951	12	14.25	68.13	10	0	0	0	24.3682	11.12	1.225	55.5497	87.1204	0	0	0
1952	12	11.9327	68.13	10	0	0	0	24.3488	11.12	1.225	53.3821	85.7692	0	0	0
1953	12	8.84286	68.13	10	0	0	0	24.323	11.12	1.225	50.4921	83.9676	0	0	0
1954	12	12.4279	68.13	10	0	0	0	24.3547	11.12	1.36	54.0324	86.1746	0	0	0
1955	12	10.3793	68.13	10	0	0	0	24.3365	11.12	1.34	52.0094	84.9134	0	0	0
1956	12	8.84286	68.13	10	0	0	0	24.323	11.12	1.325	50.4921	83.9676	0	0	0
1957	12	12.1657	68.13	10	0	0	0	23.2869	11.18	1.36	51.6561	84.0765	0	0	0
1958	12	9.20571	68.13	10	0	0	0	23.2688	11.18	1.34	51.9234	84.1114	0	0	0
1959	12	6.98571	68.13	10	0	0	0	23.2553	11.18	1.325	52.1239	84.1376	0	0	0
1960	12	12.8321	68.13	10	0	0	0	23.2869	11.18	1.36	51.6561	84.0765	0	0	0
1961	12	10.7607	68.13	10	0	0	0	23.2688	11.18	1.34	51.9234	84.1114	0	0	0
1962	12	9.20714	68.13	10	0	0	0	23.2553	11.18	1.325	52.1239	84.1376	0	0	0
1963	12	14.4786	68.13	10	0	0	0	22.8952	11.2	1.175	52.1817	84.1104	0	0	0
1964	12	12.2592	68.13	10	0	0	0	22.8758	11.2	1.21786	52.4266	84.1478	0	0	0
1965	12	9.3	68.13	10	0	0	0	22.8499	11.2	1.275	52.7532	84.1976	0	0	0
1966	12	6.95714	46.6	10	0	0	0	21.004	9.89715	0.679993	50.6942	84.3479	0	0	0
1967	12	14.7643	68.13	10	0	0	0	20.6901	11.31	1.225	56.039	84.4504	0	0	0
1968	12	13.2107	68.13	10	0	0	0	20.6766	11.31	1.24	56.0551	84.4766	0	0	0
1969	12	11.1393	68.13	10	0	0	0	20.6585	11.31	1.26	56.0765	84.5114	0	0	0
1970	12	9.58571	68.13	10	0	0	0	20.6449	11.31	1.275	56.0925	84.5376	0	0	0
1971	12	6.95714	53.085	10	0	0	0	18.6071	5.72493	0.769993	48.0225	83.4081	0	0	0
1972	12	13.8786	68.13	10	0	0	0	24.3682	11.12	1.075	55.5497	87.1204	0	0	0
1973	12	10.397	68.13	10	0	0	0	24.3424	11.12	1.10357	52.6597	85.3188	0	0	0
1974	12	7.78571	68.13	10	0	0	0	24.323	11.12	1.125	50.4921	83.9676	0	0	0
1975	12	11.001	68.13	10	0	0	0	24.3424	11.12	1.10357	52.6597	85.3188	0	0	0
1976	12	8.84286	68.13	10	0	0	0	24.323	11.12	1.125	50.4921	83.9676	0	0	0
1977	12	13.1707	68.13	10	0	0	0	20.6766	11.31	1.29	56.0551	84.4766	0	0	0
1978	12	11.1221	68.13	10	0	0	0	20.6585	11.31	1.31	56.0765	84.5114	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
1979	12	9.58571	68.13	10	0	0	0	20.6449	11.31	1.325	56.0925	84.5376	0	0	0
1980	12	6.95714	23	10	0	0	0	17.2357	4.83921	0.794993	48.2368	86.4653	0	0	0
1981	12	14.9571	68.13	10	0	0	0	21.0346	11.29	1.175	55.4341	84.3904	0	0	0
1982	12	12.6275	68.13	10	0	0	0	21.0152	11.29	1.19643	55.4917	84.4278	0	0	0
1983	12	9.52143	68.13	10	0	0	0	20.9893	11.29	1.225	55.5683	84.4776	0	0	0
1984	12	12.5679	68.13	10	0	0	0	24.3547	11.12	1.165	54.0324	86.1746	0	0	0
1985	12	10.4393	68.13	10	0	0	0	24.3365	11.12	1.285	52.0094	84.9134	0	0	0
1986	12	8.84286	68.13	10	0	0	0	24.323	11.12	1.375	50.4921	83.9676	0	0	0
1987	12	14.6214	68.13	10	0	0	0	23.4277	11.17	1.175	51.2463	84.0304	0	0	0
1988	12	12.2796	68.13	10	0	0	0	23.4083	11.17	1.175	51.5452	84.0678	0	0	0
1989	12	9.15714	68.13	10	0	0	0	23.3825	11.17	1.175	51.9438	84.1176	0	0	0
1990	12	13.1707	68.13	10	0	0	0	20.6766	11.31	1.34	56.0551	84.4766	0	0	0
1991	12	11.1221	68.13	10	0	0	0	20.6585	11.31	1.36	56.0765	84.5114	0	0	0
1992	12	9.58571	68.13	10	0	0	0	20.6449	11.31	1.375	56.0925	84.5376	0	0	0
1993	12	9.21214	107.405	10	0	0	0	26.614	8.184	1.364	43.8634	84.3415	0	0	0
1994	12	6.98571	86.6	10	0	0	0	28.7827	7.86	1.52	40.5134	83.7977	0	0	0
1995	12	10.5643	68.13	10	0	0	0	24.2493	10.43	1.175	51.4509	84.3858	0	0	0
1996	12	9.97654	68.13	10	0	0	0	26.1644	11.1425	1.21786	47.0332	83.1105	0	0	0
1997	12	9.1996	68.13	10	0	0	0	26.6185	7.20722	1.275	48.2902	80.1455	0	0	0
1998	12	12.5714	61.145	10	0	0	0	23.6398	12.51	0.97	52.8555	84.4924	0	0	0
1999	12	10.302	61.145	10	0	0	0	23.6139	12.51	0.998571	50.1883	83.6393	0	0	0
2000	12	8.6	61.145	10	0	0	0	23.5945	12.51	1.02	48.1879	82.9996	0	0	0
2001	12	14.5929	68.13	10	0	0	0	22.8952	11.2	0.925	52.1817	84.1104	0	0	0
2002	12	11.4184	68.13	10	0	0	0	22.8758	11.2	0.946429	52.4266	84.1478	0	0	0
2003	12	7.18571	68.13	10	0	0	0	22.8499	11.2	0.975	52.7532	84.1976	0	0	0
2004	12	13.85	68.13	10	0	0	0	24.3682	11.12	0.925	55.5497	87.1204	0	0	0
2005	12	10.9888	68.13	10	0	0	0	24.3424	11.12	1.06786	52.6597	85.3188	0	0	0
2006	12	8.84286	68.13	10	0	0	0	24.323	11.12	1.175	50.4921	83.9676	0	0	0
2007	12	10.7929	68.13	10	0	0	0	24.3424	11.12	1.06786	52.6597	85.3188	0	0	0
2008	12	8.5	68.13	10	0	0	0	24.323	11.12	1.175	50.4921	83.9676	0	0	0
2009	12	14.85	68.13	10	0	0	0	21.8157	11.25	1.175	54.0835	84.2804	0	0	0
2010	12	12.5449	68.13	10	0	0	0	21.7963	11.25	1.21786	54.2189	84.3178	0	0	0
2011	12	9.47143	68.13	10	0	0	0	21.7705	11.25	1.275	54.3994	84.3676	0	0	0
2012	12	13.1429	61.145	10	0	0	0	20.7508	12.66	1.27	52.3156	83.3523	0	0	0
2013	12	9.6245	61.145	10	0	0	0	22.3511	12.5743	1.27	49.9916	83.1565	0	0	0
2014	12	6.98571	61.145	10	0	0	0	23.5513	12.51	1.27	48.2486	83.0096	0	0	0
2015	12	13.2107	68.13	10	0	0	0	20.6766	11.31	1.29	56.0551	84.4766	0	0	0
2016	12	11.1393	68.13	10	0	0	0	20.6585	11.31	1.31	56.0765	84.5114	0	0	0
2017	12	9.92375	51.3929	10	0	0	0	17.2041	6.65927	0.82714	55.1525	84.0938	0	0	0
2018	12	6.99286	43.25	10	0	0	0	18.0857	6.56778	0.769993	48.0368	82.8367	0	0	0
2019	12	13.1857	67.295	10	0	0	0	23.5599	13.76	0.95	52.3618	87.4011	0	0	0
2020	12	11.2572	67.295	10	0	0	0	23.5406	13.76	0.928571	50.8885	86.5428	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2021	12	8.68571	67.295	10	0	0	0	23.5147	13.76	0.9	48.9241	85.3983	0	0	0
2022	12	12.8429	67.295	10	0	0	0	23.5599	13.76	0.95	52.3618	87.4011	0	0	0
2023	12	12.7429	61.145	10	0	0	0	23.1589	12.54	0.97	48.1199	82.9824	0	0	0
2024	12	10.4735	61.145	10	0	0	0	23.133	12.54	0.998571	48.5818	83.0322	0	0	0
2025	12	8.77143	61.145	10	0	0	0	23.1136	12.54	1.02	48.9282	83.0696	0	0	0
2026	12	13.7857	58.015	10	0	0	0	32.6223	10.42	0.965	43.244	83.0218	0	0	0
2027	12	11.2143	58.015	10	0	0	0	32.6029	10.42	0.922143	43.5897	83.0592	0	0	0
2028	12	7.78571	58.015	10	0	0	0	32.5771	10.42	0.865	44.0506	83.109	0	0	0
2029	12	12.0429	79.275	10	0	0	0	23.3717	11.57	1.415	55.2176	88.8696	0	0	0
2030	12	10.5095	79.275	10	0	0	0	23.3565	11.57	1.48167	52.945	88.192	0	0	0
2031	12	9.35951	79.275	10	0	0	0	23.3452	11.57	1.53167	51.2406	87.6838	0	0	0
2032	12	8.59286	79.275	10	0	0	0	23.3377	11.57	1.565	50.1043	87.345	0	0	0
2033	12	10.302	61.145	10	0	0	0	23.6139	12.51	1.02714	50.1883	83.6393	0	0	0
2034	12	8.6	61.145	10	0	0	0	23.5945	12.51	1.07	48.1879	82.9996	0	0	0
2035	12	13.1286	67.295	10	0	0	0	24.8629	13.79	0.95	46.8985	85.4111	0	0	0
2036	12	11.2153	67.295	10	0	0	0	24.8629	13.79	0.928571	46.8341	85.4485	0	0	0
2037	12	8.66429	67.295	10	0	0	0	24.8629	13.79	0.9	46.7482	85.4983	0	0	0
2038	12	13.0143	92.84	10	0	0	0	21.4443	11.71	0.9	54.848	86.8399	0	0	0
2039	12	10.0265	65.62	10	0	0	0	24.7823	12.2871	1.00857	49.0182	83.8202	0	0	0
2040	12	7.78571	45.205	10	0	0	0	27.2859	12.72	1.09	44.6459	81.5555	0	0	0
2041	12	12.7804	58.085	10	0	0	0	20.5519	10.8113	0.715002	57.1782	88.5568	0	0	0
2042	12	10.2833	52.7279	10	0	0	0	20.892	10.9932	0.697856	53.5275	88.2384	0	0	0
2043	12	6.95388	45.585	10	0	0	0	21.3456	11.2357	0.674993	48.66	87.8139	0	0	0
2044	12	13.4143	67.295	10	0	0	0	22.9267	13.79	0.95	49.1285	85.4111	0	0	0
2045	12	11.501	67.295	10	0	0	0	22.9073	13.79	0.928571	49.4594	85.4485	0	0	0
2046	12	8.95	67.295	10	0	0	0	22.8815	13.79	0.9	49.9006	85.4983	0	0	0
2047	12	7.02143	20	10	0	0	0	16.7071	6.31778	0.834993	48.094	86.8224	0	0	0
2048	12	9.45306	61.145	10	0	0	0	23.133	12.54	0.998571	48.5818	83.0322	0	0	0
2049	12	6.98571	61.145	10	0	0	0	23.1136	12.54	1.02	48.9282	83.0696	0	0	0
2050	12	13.3286	67.295	10	0	0	0	23.5599	13.76	1.15	52.3618	87.4011	0	0	0
2051	12	11.3388	67.295	10	0	0	0	23.5406	13.76	1.15	50.8885	86.5428	0	0	0
2052	12	8.68571	67.295	10	0	0	0	23.5147	13.76	1.15	48.9241	85.3983	0	0	0
2053	12	14.7643	68.13	10	0	0	0	20.6901	11.31	1.375	56.039	84.4504	0	0	0
2054	12	13.2107	68.13	10	0	0	0	20.6766	11.31	1.375	56.0551	84.4766	0	0	0
2055	12	11.1393	68.13	10	0	0	0	20.6585	11.31	1.375	56.0765	84.5114	0	0	0
2056	12	9.69286	103.085	10	0	0	0	26.1201	8.68	1.25	52.2646	83.8977	0	0	0
2057	12	12.6	61.145	10	0	0	0	23.6398	12.51	1.12	52.8555	84.4924	0	0	0
2058	12	10.3143	61.145	10	0	0	0	23.6139	12.51	1.12	50.1883	83.6393	0	0	0
2059	12	8.6	61.145	10	0	0	0	23.5945	12.51	1.12	48.1879	82.9996	0	0	0
2060	12	12.5071	59.87	10	0	0	0	22.2206	13.93	0.74	51.0196	85.0204	0	0	0
2061	12	7.78571	60.625	10	0	0	0	29.3287	13.86	0.92	46.5565	83.2192	0	0	0
2062	12	13.4232	51.8	10	0	0	0	19.2804	11.2685	0.695002	56.3425	87.5853	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2063	12	10.6108	52.3764	10	0	0	0	20.2758	11.23	0.699284	53.2827	87.1721	0	0	0
2064	12	13.0429	92.84	10	0	0	0	21.4443	11.71	1.05	54.848	86.8399	0	0	0
2065	12	10.0388	65.62	10	0	0	0	24.7823	12.2871	1.13	49.0182	83.8202	0	0	0
2066	12	7.78571	45.205	10	0	0	0	27.2859	12.72	1.19	44.6459	81.5555	0	0	0
2067	12	11.6612	68.13	10	0	0	0	27.1152	10.1043	1.275	47.7089	82.8123	0	0	0
2068	12	11	68.13	10	0	0	0	26.9541	9.94918	1.29643	48.6456	83.1718	0	0	0
2069	12	10.1184	68.13	10	0	0	0	25.5599	8.4	1.325	53.981	85.7392	0	0	0
2070	12	11.8929	79.275	10	0	0	0	23.3694	11.57	1.63	54.8767	88.768	0	0	0
2071	12	10.0071	79.275	10	0	0	0	23.3513	11.57	1.65	52.1496	87.9548	0	0	0
2072	12	8.59286	79.275	10	0	0	0	23.3377	11.57	1.665	50.1043	87.345	0	0	0
2073	12	12.3245	68.13	10	0	0	0	22.8758	11.2	0.946429	52.4266	84.1478	0	0	0
2074	12	9.3	68.13	10	0	0	0	22.8499	11.2	0.975	52.7532	84.1976	0	0	0
2075	12	13.8857	54.985	10	0	0	0	29.4355	13.51	1.45	53.1475	86.556	0	0	0
2076	12	11.749	54.985	10	0	0	0	30.33	13.4586	1.6	51.7591	86.4433	0	0	0
2077	12	8.9	54.985	10	0	0	0	31.5226	13.39	1.8	49.9079	86.2932	0	0	0
2078	12	13.0661	61.25	10	0	0	0	20.7019	11.0542	0.735002	55.2711	88.8639	0	0	0
2079	12	10.4435	51.9286	10	0	0	0	21.143	11.2391	0.709284	51.9694	88.2211	0	0	0
2080	12	6.94674	39.5	10	0	0	0	21.7313	11.4857	0.674993	47.5671	87.3639	0	0	0
2081	12	13.4429	54.985	10	0	0	0	31.5679	13.39	1.65	49.1555	86.206	0	0	0
2082	12	11.4959	54.985	10	0	0	0	31.5485	13.39	1.73571	49.4779	86.2433	0	0	0
2083	12	8.9	54.985	10	0	0	0	31.5226	13.39	1.85	49.9079	86.2932	0	0	0
2084	12	11.2714	54.985	10	0	0	0	30.33	13.4586	1.6	51.7591	86.4433	0	0	0
2085	12	7.78571	54.985	10	0	0	0	31.5226	13.39	1.8	49.9079	86.2932	0	0	0
2086	12	13.4429	54.985	10	0	0	0	31.5679	13.39	1.6	49.1555	86.206	0	0	0
2087	12	11.4959	54.985	10	0	0	0	31.5485	13.39	1.68571	49.4779	86.2433	0	0	0
2088	12	13.9429	79.275	10	0	0	0	20.3796	11.73	1.415	54.453	87.7178	0	0	0
2089	12	12.3421	79.275	10	0	0	0	21.2443	11.685	1.49	53.1838	87.609	0	0	0
2090	12	10.2079	79.275	10	0	0	0	22.3972	11.625	1.59	51.4915	87.4638	0	0	0
2091	12	8.60714	79.275	10	0	0	0	23.2619	11.58	1.665	50.2222	87.355	0	0	0
2092	12	12.4786	84.52	10	0	0	0	22.6325	10.94	1.565	56.3023	87.7503	0	0	0
2093	12	10.9738	85.0489	10	0	0	0	24.5733	10.0956	1.63389	54.667	87.6647	0	0	0
2094	12	9.84524	85.4456	10	0	0	0	26.0288	9.46222	1.68556	53.4405	87.6004	0	0	0
2095	12	9.09286	85.71	10	0	0	0	26.9992	9.04	1.72	52.6228	87.5576	0	0	0
2096	12	12.5429	61.145	10	0	0	0	23.6398	12.51	1.32	52.8555	84.4924	0	0	0
2097	12	10.7905	61.145	10	0	0	0	23.6197	12.51	1.32	50.7811	83.8289	0	0	0
2098	12	9.47619	61.145	10	0	0	0	23.6046	12.51	1.32	49.2251	83.3313	0	0	0
2099	12	8.6	61.145	10	0	0	0	23.5945	12.51	1.32	48.1879	82.9996	0	0	0
2100	12	12.0554	79.275	10	0	0	0	23.322	11.58	1.415	49.5074	87.2896	0	0	0
2101	12	10.5197	79.275	10	0	0	0	23.3069	11.58	1.48167	49.8104	87.3187	0	0	0
2102	12	9.36785	79.275	10	0	0	0	23.2956	11.58	1.53167	50.0377	87.3405	0	0	0
2103	12	8.6	79.275	10	0	0	0	23.288	11.58	1.565	50.1892	87.355	0	0	0
2104	12	12.5071	84.52	10	0	0	0	22.6325	10.94	1.565	56.3023	87.7503	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2105	12	10.9897	85.0489	10	0	0	0	24.5733	10.0956	1.63389	54.667	87.6647	0	0	0
2106	12	9.85158	85.4456	10	0	0	0	26.0288	9.46222	1.68556	53.4405	87.6004	0	0	0
2107	12	11.0184	54.985	10	0	0	0	31.5485	13.39	1.68571	49.4779	86.2433	0	0	0
2108	12	12.575	79.275	10	0	0	0	20.4355	11.7225	1.415	54.5355	87.7321	0	0	0
2109	12	10.8083	79.275	10	0	0	0	21.7033	11.6592	1.48167	52.6038	87.5645	0	0	0
2110	12	9.48332	79.275	10	0	0	0	22.6542	11.6117	1.53167	51.1551	87.4388	0	0	0
2111	12	11.8839	79.275	10	0	0	0	23.322	11.58	1.5275	49.5074	87.2896	0	0	0
2112	12	10.4244	79.275	10	0	0	0	23.3069	11.58	1.54417	49.8104	87.3187	0	0	0
2113	12	9.32976	79.275	10	0	0	0	23.2956	11.58	1.55667	50.0377	87.3405	0	0	0
2114	12	11.8837	68.13	10	0	0	0	21.0152	11.29	1.19643	55.4917	84.4278	0	0	0
2115	12	7.78571	68.13	10	0	0	0	20.9893	11.29	1.225	55.5683	84.4776	0	0	0
2116	12	13.4232	63.5	10	0	0	0	20.4376	10.8542	0.775002	57.9854	88.9711	0	0	0
2117	12	10.6568	54.3929	10	0	0	0	21.093	11.2442	0.725713	54.0868	88.3129	0	0	0
2118	12	6.96817	42.25	10	0	0	0	21.9671	11.7642	0.659993	48.8886	87.4353	0	0	0
2119	12	11.6804	79.275	10	0	0	0	23.322	11.58	1.5275	49.5074	87.2896	0	0	0
2120	12	9.94941	79.275	10	0	0	0	23.3069	11.58	1.54417	49.8104	87.3187	0	0	0
2121	12	8.65119	79.275	10	0	0	0	23.2956	11.58	1.55667	50.0377	87.3405	0	0	0
2122	12	7.78571	79.275	10	0	0	0	23.288	11.58	1.565	50.1892	87.355	0	0	0
2123	12	13.6143	54.985	10	0	0	0	31.5679	13.39	1.45	49.1555	86.206	0	0	0
2124	12	11.5939	54.985	10	0	0	0	31.5485	13.39	1.6	49.4779	86.2433	0	0	0
2125	12	10.8119	54.985	10	0	0	0	32.219	13.35	1.12222	50.1854	87.1291	0	0	0
2126	12	9.49761	54.985	10	0	0	0	32.2039	13.35	1.13889	49.3595	86.5616	0	0	0
2127	12	8.62143	54.985	10	0	0	0	32.1939	13.35	1.15	48.8089	86.1832	0	0	0
2128	12	13.3286	61.25	10	0	0	0	19.8079	10.06	0.785	54.0953	88.9057	0	0	0
2129	12	10.6928	51.9286	10	0	0	0	20.417	11.0757	0.737857	50.654	88.0441	0	0	0
2130	12	7.17857	39.5	10	0	0	0	21.2291	12.43	0.675	46.0657	86.8954	0	0	0
2131	12	10.746	54.985	10	0	0	0	30.6615	13.4389	1.1	51.2192	86.3903	0	0	0
2132	12	8.96984	54.985	10	0	0	0	31.5809	13.3856	1.1	49.773	86.266	0	0	0
2133	12	7.78571	54.985	10	0	0	0	32.1939	13.35	1.1	48.8089	86.1832	0	0	0
2134	12	13.0143	67.295	10	0	0	0	26.5392	13.76	0.9	52.204	87.3486	0	0	0
2135	12	10.7735	67.295	10	0	0	0	26.5198	13.76	0.857143	50.7307	86.4903	0	0	0
2136	12	7.78571	67.295	10	0	0	0	26.4939	13.76	0.8	48.7663	85.3458	0	0	0
2137	12	11.1175	54.985	10	0	0	0	30.6615	13.4389	1.1	51.2192	86.3903	0	0	0
2138	12	9.61983	54.985	10	0	0	0	31.5809	13.3856	1.1	49.773	86.266	0	0	0
2139	12	8.62143	54.985	10	0	0	0	32.1939	13.35	1.1	48.8089	86.1832	0	0	0
2140	12	13.7857	67.295	10	0	0	0	26.5392	13.76	0.95	52.204	87.3486	0	0	0
2141	12	11.2572	67.295	10	0	0	0	26.5198	13.76	0.928571	50.7307	86.4903	0	0	0
2142	12	9.2	67.295	10	0	0	0	26.4939	13.76	0.9	48.7663	85.3458	0	0	0
2143	12	13.2143	67.295	10	0	0	0	23.5599	13.76	0.95	52.3618	87.4011	0	0	0
2144	12	11.2735	67.295	10	0	0	0	23.5406	13.76	0.928571	50.8885	86.5428	0	0	0
2145	12	10.8119	54.985	10	0	0	0	32.219	13.35	1.1	50.1854	87.1291	0	0	0
2146	12	9.49761	54.985	10	0	0	0	32.2039	13.35	1.1	49.3595	86.5616	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2147	12	13.0661	41	10	0	0	0	19.6376	11.4542	0.690002	57.4854	89.1139	0	0	0
2148	12	10.4496	40.5007	10	0	0	0	20.942	11.1891	0.709284	54.5663	88.5231	0	0	0
2149	12	6.96102	39.835	10	0	0	0	22.6813	10.8357	0.734993	50.6743	87.7353	0	0	0
2150	12	10.5246	54.985	10	0	0	0	31.8622	13.37	1.22222	48.9135	86.1947	0	0	0
2151	12	9.47698	54.985	10	0	0	0	31.8471	13.37	1.23889	49.1915	86.2238	0	0	0
2152	12	8.77857	54.985	10	0	0	0	31.8371	13.37	1.25	49.3769	86.2432	0	0	0
2153	12	12.4786	59.87	10	0	0	0	22.2206	13.93	0.74	51.0196	85.0204	0	0	0
2154	12	8.12857	60.625	10	0	0	0	29.3287	13.86	0.87	46.5565	83.2192	0	0	0
2155	12	12.4036	79.275	10	0	0	0	20.4355	11.7225	1.5275	54.5355	87.7321	0	0	0
2156	12	10.7131	79.275	10	0	0	0	21.7033	11.6592	1.54417	52.6038	87.5645	0	0	0
2157	12	9.44524	79.275	10	0	0	0	22.6542	11.6117	1.55667	51.1551	87.4388	0	0	0
2158	12	10.3833	54.985	10	0	0	0	32.219	13.35	1.25	50.1854	87.1291	0	0	0
2159	12	9.32619	54.985	10	0	0	0	32.2039	13.35	1.25	49.3595	86.5616	0	0	0
2160	12	6.78571	35.355	10	0	0	0	20.9183	6.98287	0.661126	43.6942	85.7479	0	0	0
2161	12	10.6437	54.985	10	0	0	0	31.0211	13.42	1.22222	50.4992	86.3336	0	0	0
2162	12	9.52461	54.985	10	0	0	0	31.5107	13.39	1.23889	49.8258	86.2794	0	0	0
2163	12	13.4232	34.75	10	0	0	0	19.8161	10.6756	0.700002	56.3425	88.0782	0	0	0
2164	12	10.6568	37.8571	10	0	0	0	21.4329	10.931	0.727856	53.9745	87.4201	0	0	0
2165	12	6.96817	42	10	0	0	0	23.5885	11.2714	0.764993	50.8171	86.5425	0	0	0
2166	12	10.7484	54.985	10	0	0	0	32.219	13.35	1.25	50.1854	87.1291	0	0	0
2167	12	9.47224	54.985	10	0	0	0	32.2039	13.35	1.25	49.3595	86.5616	0	0	0
2168	12	12.7804	48.75	10	0	0	0	20.0447	10.7613	0.695002	58.2354	89.6853	0	0	0
2169	12	10.2496	46.0714	10	0	0	0	21.089	10.6585	0.699284	54.3827	88.9047	0	0	0
2170	12	6.87531	42.5	10	0	0	0	22.4813	10.5214	0.704993	49.2457	87.8639	0	0	0
2171	12	11.5661	64	10	0	0	0	20.2019	11.2756	0.740002	56.6997	88.7211	0	0	0
2172	12	9.59249	54.7857	10	0	0	0	21.2492	10.8207	0.722856	53.5051	88.369	0	0	0
2173	12	6.96102	42.5	10	0	0	0	22.6456	10.2142	0.699993	49.2457	87.8996	0	0	0
2174	12	9.98674	43.3621	10	0	0	0	26.8051	11.28	0.867857	50.7145	79.3804	0	0	0
2175	12	7.78571	43.66	10	0	0	0	28.1636	11.1	0.975	47.0803	79.5303	0	0	0
2176	12	13.4232	34.5	10	0	0	0	20.0161	10.947	0.690002	57.9139	88.7925	0	0	0
2177	12	10.6721	37.2857	10	0	0	0	21.2165	11.331	0.730713	55.2092	88.3486	0	0	0
2178	12	7.00388	41	10	0	0	0	22.8171	11.8428	0.784993	51.6029	87.7568	0	0	0
2179	12	11.5661	58.3	10	0	0	0	19.6947	11.3542	0.725002	57.2568	88.8139	0	0	0
2180	12	9.5833	52.4286	10	0	0	0	20.6533	11.1472	0.712141	53.4255	88.4527	0	0	0
2181	12	6.93959	44.6	10	0	0	0	21.9313	10.8714	0.694993	48.3171	87.9711	0	0	0
2182	12	13.4232	42.75	10	0	0	0	19.2447	11.9327	0.705002	56.9854	88.0068	0	0	0
2183	12	10.6108	42.5357	10	0	0	0	20.1298	11.0003	0.715713	53.7143	87.7313	0	0	0
2184	12	6.86102	42.25	10	0	0	0	21.3099	9.7571	0.729993	49.3529	87.3639	0	0	0
2185	12	13.4232	43	10	0	0	0	20.5661	9.44703	0.710002	58.4854	89.8639	0	0	0
2186	12	10.6292	42.5714	10	0	0	0	21.3165	10.0728	0.70357	55.1225	89.2976	0	0	0
2187	12	6.90388	42	10	0	0	0	22.3171	10.9071	0.694993	50.6386	88.5425	0	0	0
2188	12	12.2796	68.13	10	0	0	0	23.4083	11.17	1.23929	51.5452	84.0678	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2189	12	9.15714	68.13	10	0	0	0	23.3825	11.17	1.325	51.9438	84.1176	0	0	0
2190	12	11.2143	58.015	10	0	0	0	32.6029	10.42	0.943571	43.5897	83.0592	0	0	0
2191	12	7.78571	58.015	10	0	0	0	32.5771	10.42	0.915	44.0506	83.109	0	0	0
2192	12	13.4232	76.5	10	0	0	0	20.6447	11.9756	0.700002	57.4497	86.5425	0	0	0
2193	12	10.5374	70.7143	10	0	0	0	21.5329	11.2636	0.747141	52.7092	85.8996	0	0	0
2194	12	8.97143	35.385	10	0	0	0	29.0231	7.8	0.715	46.8407	79.4677	0	0	0
2195	12	13.4143	54.985	10	0	0	0	31.5679	13.39	1.65	49.1555	86.206	0	0	0
2196	12	11.4796	54.985	10	0	0	0	31.5485	13.39	1.69286	49.4779	86.2433	0	0	0
2197	12	8.9	54.985	10	0	0	0	31.5226	13.39	1.75	49.9079	86.2932	0	0	0
2198	12	12.6275	68.13	10	0	0	0	21.0152	11.29	1.21786	55.4917	84.4278	0	0	0
2199	12	9.52143	68.13	10	0	0	0	20.9893	11.29	1.275	55.5683	84.4776	0	0	0
2200	12	14.7929	68.13	10	0	0	0	22.8952	11.2	1.225	52.1817	84.1104	0	0	0
2201	12	12.4388	68.13	10	0	0	0	22.8758	11.2	1.24643	52.4266	84.1478	0	0	0
2202	12	6.78571	40.355	10	0	0	0	20.9183	6.98287	0.755	43.6942	85.7479	0	0	0
2203	12	11.5479	54.985	10	0	0	0	30.6177	13.4414	1.60714	51.2881	86.3962	0	0	0
2204	12	13.7429	54.985	10	0	0	0	29.4355	13.51	1.5	53.1475	86.556	0	0	0
2205	12	11.2337	54.985	10	0	0	0	32.2197	13.35	1.65714	50.2247	87.1562	0	0	0
2206	12	8.62143	54.985	10	0	0	0	32.1939	13.35	1.8	48.8089	86.1832	0	0	0
2207	12	13.1929	54.985	10	0	0	0	32.2391	13.35	1.55	51.2865	87.886	0	0	0
2208	12	8.08571	60.16	10	0	0	0	29.4642	8.21	1.75	48.9764	86.3177	0	0	0
2209	12	6.74939	46.5	10	0	0	0	22.1506	10.0764	0.75499	47.3329	86.8137	0	0	0
2210	12	6.88653	41.5725	10	0	0	0	21.2592	10.7678	0.70249	49.5843	88.0766	0	0	0
2211	12	14.94	37.9175	10	0	0	0	19.1948	7.58	1.5575	58.3244	87.8007	0	0	0
2212	12	12.7408	40.9036	10	0	0	0	19.9966	7.92714	1.535	57.7969	87.8654	0	0	0
2213	12	9.80857	44.885	10	0	0	0	21.0655	8.39	1.505	57.0935	87.9515	0	0	0
2214	12	12.525	47.1106	10	0	0	0	20.641	9.165	1.38188	58.0001	89.2709	0	0	0
2215	12	10.4822	45.8715	10	0	0	0	21.9421	9.945	1.48104	55.1418	89.1112	0	0	0
2216	12	8.95	44.9421	10	0	0	0	22.9179	10.53	1.55542	52.998	88.9914	0	0	0
2217	12	7.92857	44.3225	10	0	0	0	23.5684	10.92	1.605	51.5689	88.9115	0	0	0
2218	12	14.0571	48.04	10	0	0	0	19.6652	8.58	1.3075	60.1438	89.3907	0	0	0
2219	12	13.4348	49.125	10	0	0	0	18.8006	11.4713	0.763752	57.1781	88.2137	0	0	0
2220	12	10.6529	46.0179	10	0	0	0	19.4478	11.0669	0.731068	54.0485	87.9321	0	0	0
2221	12	6.94368	41.875	10	0	0	0	20.3106	10.5278	0.68749	49.8757	87.5566	0	0	0
2222	12	13.3857	42.4925	10	0	0	0	31.2787	13.35	1.7	52.3948	88.914	0	0	0
2223	12	11.4363	42.4925	10	0	0	0	31.2496	13.35	1.73214	51.5306	88.2029	0	0	0
2224	12	8.83714	42.4925	10	0	0	0	31.2108	13.35	1.775	50.3783	87.2548	0	0	0
2225	12	10.2851	48.6475	10	0	0	0	18.3743	10.935	0.875	57.7603	85.796	0	0	0
2226	12	10.2857	48.6475	10	0	0	0	23.4715	8.58929	0.875	51.0666	84.8672	0	0	0
2227	12	9.42244	48.6475	10	0	0	0	25.1858	8.9591	0.842857	50.2418	83.8667	0	0	0
2228	12	9.42244	48.6475	10	0	0	0	24.5858	8.53053	0.842857	49.8444	84.4292	0	0	0
2229	12	8.27143	48.6475	10	0	0	0	26.6715	8.88071	0.8	48.6121	83.2826	0	0	0
2230	12	8.27143	48.6475	10	0	0	0	21.2229	7.40643	0.8	51.6851	87.4567	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2231	12	8.27143	48.6475	10	0	0	0	24.3115	10.615	0.8	50.3693	83.2369	0	0	0
2232	12	8.27143	48.6475	10	0	0	0	23.0829	10.0636	0.8	53.1098	84.1542	0	0	0
2233	12	8.27143	48.6475	10	0	0	0	25.3744	8.87786	0.8	47.5199	83.9497	0	0	0
2234	12	8.27634	48.6475	10	0	0	0	23.6786	8.89929	0.8	52.6758	86.4533	0	0	0
2235	12	9.42756	48.6475	10	0	0	0	18.899	11.1367	0.842857	56.9605	85.0442	0	0	0
2236	12	10.2921	48.6475	10	0	0	0	18.0401	8.60897	0.875	50.1244	87.7333	0	0	0
2237	12	9.90151	49.0625	10	0	0	0	20.7149	9.53538	0.768752	50.8003	88.841	0	0	0
2238	12	9.90187	49.0625	10	0	0	0	19.2635	10.6984	0.768752	56.2156	87.7953	0	0	0
2239	12	8.70932	46.4857	10	0	0	0	19.5384	10.0647	0.733925	54.9166	87.1839	0	0	0
2240	12	8.71214	46.4857	10	0	0	0	21.3784	8.53469	0.733925	51.0077	88.2423	0	0	0
2241	12	7.12641	43.05	10	0	0	0	19.4349	9.15208	0.68749	53.2447	87.0696	0	0	0
2242	12	7.12805	43.05	10	0	0	0	19.0625	11.4791	0.68749	54.1673	86.6326	0	0	0
2243	12	7.1282	43.05	10	0	0	0	23.872	9.12208	0.68749	49.9781	87.2289	0	0	0
2244	12	7.13213	43.05	10	0	0	0	19.1592	9.10208	0.68749	53.2561	87.8668	0	0	0
2245	12	7.13303	43.05	10	0	0	0	25.9378	8.82023	0.68749	47.9445	85.243	0	0	0
2246	12	7.1362	43.05	10	0	0	0	23.7737	8.4743	0.68749	50.7246	87.4834	0	0	0
2247	12	8.72801	46.4857	10	0	0	0	25.4841	8.89469	0.733925	49.0229	86.5736	0	0	0
2248	12	9.92056	49.0625	10	0	0	0	25.4835	9.70554	0.768752	50.279	86.5736	0	0	0
2249	12	9.90151	40.9	10	0	0	0	20.7149	9.53538	0.791252	50.8003	88.841	0	0	0
2250	12	9.90187	40.9	10	0	0	0	19.2635	10.6984	0.791252	56.2156	87.7953	0	0	0
2251	12	8.70932	41.1882	10	0	0	0	19.5384	10.0647	0.753211	54.9166	87.1839	0	0	0
2252	12	8.71214	41.1882	10	0	0	0	21.3784	8.53469	0.753211	51.0077	88.2423	0	0	0
2253	12	7.12641	41.5725	10	0	0	0	19.4349	9.15208	0.70249	53.2447	87.0696	0	0	0
2254	12	7.12805	41.5725	10	0	0	0	19.0625	11.4791	0.70249	54.1673	86.6326	0	0	0
2255	12	7.1282	41.5725	10	0	0	0	23.872	9.12208	0.70249	49.9781	87.2289	0	0	0
2256	12	7.13213	41.5725	10	0	0	0	19.1592	9.10208	0.70249	53.2561	87.8668	0	0	0
2257	12	7.13303	41.5725	10	0	0	0	25.9378	8.82023	0.70249	47.9445	85.243	0	0	0
2258	12	7.1362	41.5725	10	0	0	0	23.7737	8.4743	0.70249	50.7246	87.4834	0	0	0
2259	12	8.72801	41.1882	10	0	0	0	25.4841	8.89469	0.753211	49.0229	86.5736	0	0	0
2260	12	9.92056	40.9	10	0	0	0	25.4835	9.70554	0.791252	50.279	86.5736	0	0	0
2261	12	9.90151	58.25	10	0	0	0	20.7149	9.53538	0.791252	50.8003	88.841	0	0	0
2262	12	9.90187	58.25	10	0	0	0	19.2635	10.6984	0.791252	56.2156	87.7953	0	0	0
2263	12	8.70932	53.4821	10	0	0	0	19.5384	10.0647	0.760711	54.9166	87.1839	0	0	0
2264	12	8.71214	53.4821	10	0	0	0	21.3784	8.53469	0.760711	51.0077	88.2423	0	0	0
2265	12	7.12641	47.125	10	0	0	0	19.4349	9.15208	0.71999	53.2447	87.0696	0	0	0
2266	12	7.12805	47.125	10	0	0	0	19.0625	11.4791	0.71999	54.1673	86.6326	0	0	0
2267	12	7.1282	47.125	10	0	0	0	23.872	9.12208	0.71999	49.9781	87.2289	0	0	0
2268	12	7.13213	47.125	10	0	0	0	19.1592	9.10208	0.71999	53.2561	87.8668	0	0	0
2269	12	7.13303	47.125	10	0	0	0	25.9378	8.82023	0.71999	47.9445	85.243	0	0	0
2270	12	7.1362	47.125	10	0	0	0	23.7737	8.4743	0.71999	50.7246	87.4834	0	0	0
2271	12	8.72801	53.4821	10	0	0	0	25.4841	8.89469	0.760711	49.0229	86.5736	0	0	0
2272	12	9.92056	58.25	10	0	0	0	25.4835	9.70554	0.791252	50.279	86.5736	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2273	12	12.349	66.0025	10	0	0	0	26.1471	10.1043	1.275	48.8239	83.8425	0	0	0
2274	12	11.1367	66.0764	10	0	0	0	25.9055	9.83412	1.29964	50.2075	84.3979	0	0	0
2275	12	9.5204	66.175	10	0	0	0	24.6398	8.4	1.3325	55.3215	86.8088	0	0	0
2276	12	13.0886	42.4925	10	0	0	0	28.7253	13.51	0.8	53.5964	87.604	0	0	0
2277	12	9.39714	42.4925	10	0	0	0	28.6574	13.51	0.8	53.8721	87.7348	0	0	0
2278	12	15.0943	68.8075	10	0	0	0	32.7157	0.92	3.4275	53.6751	90.7507	0	0	0
2279	12	12.54	72.335	10	0	0	0	35.7078	1.28	3.76	51.3586	87.6015	0	0	0
2280	12	12.8189	14.7525	10	0	0	0	21.8655	5.04857	0.46801	58.7293	87.8252	0	0	0
2281	12	9.45944	14.0768	10	0	0	0	22.2137	4.90163	0.535597	53.6196	87.6423	0	0	0
2282	12	6.93983	13.57	10	0	0	0	22.4748	4.79143	0.586288	49.7873	87.5051	0	0	0
2283	12	11.3275	16.135	10	0	0	0	20.4083	6.06	0.47301	53.7636	86.8366	0	0	0
2284	12	8.80719	14.5979	10	0	0	0	20.8218	5.38735	0.524883	50.6685	86.9312	0	0	0
2285	12	6.91697	13.445	10	0	0	0	21.132	4.88286	0.563788	48.3473	87.0023	0	0	0
2286	12	12.0703	31.2425	10	0	0	0	28.6541	10.0714	0.74801	53.6836	85.9794	0	0	0
2287	12	9.50762	31.2425	10	0	0	0	28.6333	10.0714	0.807026	51.2743	85.3949	0	0	0
2288	12	7.58554	31.2425	10	0	0	0	28.6177	10.0714	0.851288	49.4673	84.9565	0	0	0
2289	12	11.9491	45.875	10	0	0	0	18.8864	11.6998	0.793752	57.4923	89.0423	0	0	0
2290	12	9.79904	45.5536	10	0	0	0	19.5115	11.151	0.750354	54.3873	88.6137	0	0	0
2291	12	6.93225	45.125	10	0	0	0	20.3449	10.4192	0.69249	50.2471	88.0423	0	0	0
2292	12	13.4348	49.125	10	0	0	0	18.8006	11.4713	0.763752	57.1781	88.2137	0	0	0
2293	12	10.6529	46.0179	10	0	0	0	19.4478	11.0669	0.731068	54.0485	87.9321	0	0	0
2294	12	6.94368	41.875	10	0	0	0	20.3106	10.5278	0.68749	49.8757	87.5566	0	0	0
2295	12	13.2634	43.75	10	0	0	0	19.1549	11.037	0.768752	56.7609	88.528	0	0	0
2296	12	10.5427	43.6964	10	0	0	0	19.8094	10.9657	0.73714	54.104	88.0627	0	0	0
2297	12	6.91511	43.625	10	0	0	0	20.682	10.8707	0.69499	50.5614	87.4423	0	0	0
2298	12	10.8165	42.4925	10	0	0	0	31.2485	13.35	0.983333	51.4986	88.1765	0	0	0
2299	12	9.62891	42.4925	10	0	0	0	31.2259	13.35	1.00833	50.8264	87.6235	0	0	0
2300	12	8.83714	42.4925	10	0	0	0	31.2108	13.35	1.025	50.3783	87.2548	0	0	0
2301	12	12.4	42.4925	10	0	0	0	31.2787	13.35	0.95	52.3948	88.914	0	0	0
2302	12	11.2917	43.0622	10	0	0	0	20.2606	8.39154	0.848747	56.4983	84.16	0	0	0
2303	12	8.75115	46.6452	10	0	0	0	18.9623	8.14345	0.763743	53.3414	85.1429	0	0	0
2304	12	6.84571	49.3325	10	0	0	0	17.9886	7.95739	0.69999	50.9738	85.88	0	0	0
2305	12	13.1972	40.375	10	0	0	0	21.2343	8.57759	0.9125	58.8659	83.4229	0	0	0
2306	12	12.72	45.5725	10	0	0	0	22.6798	12.51	0.71	48.3972	83.9386	0	0	0
2307	12	9.98204	45.5725	10	0	0	0	22.641	12.51	0.924286	49.1804	84.0133	0	0	0
2308	12	7.92857	45.5725	10	0	0	0	22.6119	12.51	1.085	49.7679	84.0694	0	0	0
2309	12	12.9743	36.4825	10	0	0	0	24.0257	11.52	0.8875	56.6751	80.2107	0	0	0
2310	12	10.091	36.6811	10	0	0	0	25.8312	11.28	0.8875	52.0867	80.4335	0	0	0
2311	12	7.92857	36.83	10	0	0	0	27.1854	11.1	0.8875	48.6454	80.6005	0	0	0
2312	12	11.8033	39.375	10	0	0	0	19.156	11.9495	0.763752	56.1021	85.6647	0	0	0
2313	12	9.03897	38.7607	10	0	0	0	20.0188	10.1531	0.721602	53.1474	85.2631	0	0	0
2314	12	6.96571	38.3	10	0	0	0	20.666	8.80573	0.68999	50.9313	84.9619	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2315	12	11.8033	42.625	10	0	0	0	18.6646	12.3266	0.781252	57.2564	86.2647	0	0	0
2316	12	9.07162	42.7679	10	0	0	0	19.4196	10.8143	0.739102	54.1253	85.6607	0	0	0
2317	12	7.02286	42.875	10	0	0	0	19.986	9.68002	0.70749	51.7771	85.2076	0	0	0
2318	12	13.0171	36.4825	10	0	0	0	24.0257	11.52	1.3375	56.6751	80.2107	0	0	0
2319	12	10.3902	36.6811	10	0	0	0	25.8312	11.28	1.3375	52.0867	80.4335	0	0	0
2320	12	8.42	36.83	10	0	0	0	27.1854	11.1	1.3375	48.6454	80.6005	0	0	0
2321	12	12.8971	30.4	10	0	0	0	25.2486	7.93	0.78	51.2381	83.9318	0	0	0
2322	12	9.6008	29.13	10	0	0	0	28.1796	7.09571	0.871429	47.4849	84.13	0	0	0
2323	12	7.12857	28.1775	10	0	0	0	30.3779	6.47	0.94	44.67	84.2788	0	0	0
2324	12	13.02	48.6475	10	0	0	0	22.6249	13.76	0.95	53.4477	88.4217	0	0	0
2325	12	10.6592	48.6475	10	0	0	0	22.5861	13.76	0.992857	51.7468	87.3021	0	0	0
2326	12	8.88857	48.6475	10	0	0	0	22.557	13.76	1.025	50.4712	86.4624	0	0	0
2327	12	13.0257	30.4	10	0	0	0	25.2486	7.93	0.93	51.2381	83.9318	0	0	0
2328	12	9.65591	29.13	10	0	0	0	28.1796	7.09571	1.02143	47.4849	84.13	0	0	0
2329	12	7.12857	28.1775	10	0	0	0	30.3779	6.47	1.09	44.67	84.2788	0	0	0
2330	12	12.72	45.5725	10	0	0	0	22.6798	12.51	1.385	48.3972	83.9386	0	0	0
2331	12	10.4947	45.5725	10	0	0	0	22.641	12.51	1.385	49.1804	84.0133	0	0	0
2332	12	8.82571	45.5725	10	0	0	0	22.6119	12.51	1.385	49.7679	84.0694	0	0	0
2333	12	9.62531	29.13	10	0	0	0	28.1796	7.09571	0.871429	47.4849	84.13	0	0	0
2334	12	7.17143	28.1775	10	0	0	0	30.3779	6.47	0.94	44.67	84.2788	0	0	0
2335	12	14.36	49.065	10	0	0	0	23.4173	11.12	1.2125	56.6496	88.1456	0	0	0
2336	12	12.069	49.065	10	0	0	0	23.3882	11.12	1.2125	54.6796	86.8131	0	0	0
2337	12	9.01429	49.065	10	0	0	0	23.3495	11.12	1.2125	52.0531	85.0364	0	0	0
2338	12	12.4563	49.065	10	0	0	0	23.397	11.12	1.415	55.2706	87.2129	0	0	0
2339	12	10.4894	49.065	10	0	0	0	23.3698	11.12	1.385	53.4321	85.9691	0	0	0
2340	12	9.01429	49.065	10	0	0	0	23.3495	11.12	1.3625	52.0531	85.0364	0	0	0
2341	12	13.9314	49.065	10	0	0	0	23.4173	11.12	1.4375	56.6496	88.1456	0	0	0
2342	12	12.1546	49.065	10	0	0	0	22.4304	11.18	1.415	52.5491	85.1148	0	0	0
2343	12	9.28257	49.065	10	0	0	0	22.4032	11.18	1.385	52.9501	85.1671	0	0	0
2344	12	7.12857	49.065	10	0	0	0	22.3829	11.18	1.3625	53.2508	85.2064	0	0	0
2345	12	14.3086	49.065	10	0	0	0	22.4508	11.18	1.4375	52.2484	85.0756	0	0	0
2346	12	12.8077	49.065	10	0	0	0	22.4304	11.18	1.415	52.5491	85.1148	0	0	0
2347	12	10.8066	49.065	10	0	0	0	22.4032	11.18	1.385	52.9501	85.1671	0	0	0
2348	12	9.30571	49.065	10	0	0	0	22.3829	11.18	1.3625	53.2508	85.2064	0	0	0
2349	12	14.3829	49.065	10	0	0	0	22.0828	11.2	1.1375	52.8575	85.1356	0	0	0
2350	12	12.2388	49.065	10	0	0	0	22.0537	11.2	1.20179	53.2249	85.1917	0	0	0
2351	12	9.38	49.065	10	0	0	0	22.0149	11.2	1.2875	53.7148	85.2664	0	0	0
2352	12	6.96571	38.3	10	0	0	0	20.666	8.80573	0.68999	50.9313	84.9619	0	0	0
2353	12	14.6114	49.065	10	0	0	0	20.0652	11.31	1.2125	56.0885	85.4756	0	0	0
2354	12	13.1106	49.065	10	0	0	0	20.0449	11.31	1.235	56.1126	85.5149	0	0	0
2355	12	11.1094	49.065	10	0	0	0	20.0177	11.31	1.265	56.1447	85.5671	0	0	0
2356	12	9.60857	49.065	10	0	0	0	19.9973	11.31	1.2875	56.1688	85.6064	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2357	12	13.54	46.5	10	0	0	0	17.5657	7.89759	0.91	60.9516	84.7372	0	0	0
2358	12	10.7225	44.3754	10	0	0	0	18.1314	7.18605	0.834996	55.8011	84.24	0	0	0
2359	12	6.96571	41.5425	10	0	0	0	18.8857	6.23739	0.73499	48.9338	83.5772	0	0	0
2360	12	13.8029	49.065	10	0	0	0	23.4173	11.12	0.9875	56.6496	88.1456	0	0	0
2361	12	10.4462	49.065	10	0	0	0	23.3786	11.12	1.03036	54.0231	86.3689	0	0	0
2362	12	7.92857	49.065	10	0	0	0	23.3495	11.12	1.0625	52.0531	85.0364	0	0	0
2363	12	11.0665	49.065	10	0	0	0	23.3786	11.12	1.03036	54.0231	86.3689	0	0	0
2364	12	9.01429	49.065	10	0	0	0	23.3495	11.12	1.0625	52.0531	85.0364	0	0	0
2365	12	13.0506	49.065	10	0	0	0	20.0449	11.31	1.31	56.1126	85.5149	0	0	0
2366	12	11.0837	49.065	10	0	0	0	20.0177	11.31	1.34	56.1447	85.5671	0	0	0
2367	12	9.60857	49.065	10	0	0	0	19.9973	11.31	1.3625	56.1688	85.6064	0	0	0
2368	12	14.5257	49.065	10	0	0	0	20.0652	11.31	1.2875	56.0885	85.4756	0	0	0
2369	12	12.9114	48	10	0	0	0	16.6629	9.5833	0.9175	62.523	86.5372	0	0	0
2370	12	10.3633	38.7857	10	0	0	0	17.1453	7.84565	0.844638	56.7726	86.3168	0	0	0
2371	12	6.96571	26.5	10	0	0	0	17.7886	5.52882	0.74749	49.1052	86.0229	0	0	0
2372	12	14.9457	49.065	10	0	0	0	20.3819	11.29	1.1375	55.5812	85.4156	0	0	0
2373	12	12.6363	49.065	10	0	0	0	20.3528	11.29	1.16964	55.6675	85.4717	0	0	0
2374	12	9.55714	49.065	10	0	0	0	20.314	11.29	1.2125	55.7825	85.5464	0	0	0
2375	12	12.6663	49.065	10	0	0	0	23.397	11.12	1.1225	55.2706	87.2129	0	0	0
2376	12	10.5794	49.065	10	0	0	0	23.3698	11.12	1.3025	53.4321	85.9691	0	0	0
2377	12	9.01429	49.065	10	0	0	0	23.3495	11.12	1.4375	52.0531	85.0364	0	0	0
2378	12	14.2314	49.065	10	0	0	0	23.4173	11.12	0.9875	56.6496	88.1456	0	0	0
2379	12	14.6971	49.065	10	0	0	0	22.5666	11.17	1.1375	52.0744	85.0556	0	0	0
2380	12	12.3694	49.065	10	0	0	0	22.5375	11.17	1.1375	52.5228	85.1117	0	0	0
2381	12	9.26571	49.065	10	0	0	0	22.4987	11.17	1.1375	53.1207	85.1864	0	0	0
2382	12	13.0506	49.065	10	0	0	0	20.0449	11.31	1.385	56.1126	85.5149	0	0	0
2383	12	11.0837	49.065	10	0	0	0	20.0177	11.31	1.415	56.1447	85.5671	0	0	0
2384	12	9.60857	49.065	10	0	0	0	19.9973	11.31	1.4375	56.1688	85.6064	0	0	0
2385	12	14.5257	49.065	10	0	0	0	20.0652	11.31	1.3625	56.0885	85.4756	0	0	0
2386	12	12.2366	82.5725	10	0	0	0	22.7572	8.616	1.118	49.5491	86.11	0	0	0
2387	12	9.31771	68.7025	10	0	0	0	25.6525	8.184	1.342	45.2211	85.4023	0	0	0
2388	12	7.12857	58.3	10	0	0	0	27.8241	7.86	1.51	41.9751	84.8715	0	0	0
2389	12	14.4257	92.975	10	0	0	0	20.5857	8.94	0.95	52.7951	86.6407	0	0	0
2390	12	11.3514	49.065	10	0	0	0	23.4915	10.43	1.1375	51.9939	85.4112	0	0	0
2391	12	10.4698	49.065	10	0	0	0	25.2391	10.7238	1.20179	48.2173	84.0483	0	0	0
2392	12	9.29968	49.065	10	0	0	0	25.8898	7.20722	1.2875	48.8997	81.2193	0	0	0
2393	12	12.7571	45.5725	10	0	0	0	22.7197	12.51	0.935	53.9283	85.5086	0	0	0
2394	12	10.5074	45.5725	10	0	0	0	22.6809	12.51	0.977857	51.5246	84.6804	0	0	0
2395	12	8.82	45.5725	10	0	0	0	22.6518	12.51	1.01	49.7218	84.0594	0	0	0
2396	12	14.5543	49.065	10	0	0	0	22.0828	11.2	0.7625	52.8575	85.1356	0	0	0
2397	12	11.4576	49.065	10	0	0	0	22.0537	11.2	0.794643	53.2249	85.1917	0	0	0
2398	12	7.32857	49.065	10	0	0	0	22.0149	11.2	0.8375	53.7148	85.2664	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2399	12	13.76	49.065	10	0	0	0	23.4173	11.12	0.7625	56.6496	88.1456	0	0	0
2400	12	11.0482	49.065	10	0	0	0	23.3786	11.12	0.976786	54.0231	86.3689	0	0	0
2401	12	9.01429	49.065	10	0	0	0	23.3495	11.12	1.1375	52.0531	85.0364	0	0	0
2402	12	10.7543	49.065	10	0	0	0	23.3786	11.12	0.976786	54.0231	86.3689	0	0	0
2403	12	8.5	49.065	10	0	0	0	23.3495	11.12	1.1375	52.0531	85.0364	0	0	0
2404	12	14.82	49.065	10	0	0	0	21.0986	11.25	1.1375	54.4502	85.3056	0	0	0
2405	12	12.5473	49.065	10	0	0	0	21.0695	11.25	1.20179	54.6533	85.3617	0	0	0
2406	12	9.51714	49.065	10	0	0	0	21.0307	11.25	1.2875	54.9241	85.4364	0	0	0
2407	12	13.1943	45.5725	10	0	0	0	20.0812	12.66	1.385	52.5684	84.3685	0	0	0
2408	12	9.72818	45.5725	10	0	0	0	21.5273	12.5743	1.385	50.9681	84.1976	0	0	0
2409	12	7.12857	45.5725	10	0	0	0	22.6119	12.51	1.385	49.7679	84.0694	0	0	0
2410	12	13.1106	49.065	10	0	0	0	20.0449	11.31	1.31	56.1126	85.5149	0	0	0
2411	12	11.1094	49.065	10	0	0	0	20.0177	11.31	1.34	56.1447	85.5671	0	0	0
2412	12	14.6114	49.065	10	0	0	0	20.0652	11.31	1.2875	56.0885	85.4756	0	0	0
2413	12	12.2829	43.75	10	0	0	0	17.2343	7.73187	0.91	61.3687	84.88	0	0	0
2414	12	10.0163	40.6964	10	0	0	0	17.7633	7.38034	0.834996	56.0444	84.1257	0	0	0
2415	12	6.99429	36.625	10	0	0	0	18.4686	6.91167	0.73499	48.9452	83.12	0	0	0
2416	12	13.4486	48.6475	10	0	0	0	22.6249	13.76	0.875	53.4477	88.4217	0	0	0
2417	12	11.4943	48.6475	10	0	0	0	22.5959	13.76	0.842857	52.172	87.582	0	0	0
2418	12	8.88857	48.6475	10	0	0	0	22.557	13.76	0.8	50.4712	86.4624	0	0	0
2419	12	12.9343	48.6475	10	0	0	0	22.6249	13.76	0.875	53.4477	88.4217	0	0	0
2420	12	12.8943	45.5725	10	0	0	0	22.2833	12.54	0.935	49.0549	83.9986	0	0	0
2421	12	10.6445	45.5725	10	0	0	0	22.2445	12.54	0.977857	49.7477	84.0733	0	0	0
2422	12	8.95714	45.5725	10	0	0	0	22.2154	12.54	1.01	50.2673	84.1294	0	0	0
2423	12	13.9286	44.0075	10	0	0	0	31.7485	10.42	0.8825	44.191	84.0427	0	0	0
2424	12	11.3572	44.0075	10	0	0	0	31.7194	10.42	0.818214	44.7095	84.0988	0	0	0
2425	12	7.92857	44.0075	10	0	0	0	31.6806	10.42	0.7325	45.4009	84.1735	0	0	0
2426	12	12.2343	54.6375	10	0	0	0	22.4025	11.57	1.3575	56.4439	89.9094	0	0	0
2427	12	10.7143	54.6375	10	0	0	0	22.3798	11.57	1.4575	54.325	89.2463	0	0	0
2428	12	9.57427	54.6375	10	0	0	0	22.3628	11.57	1.5325	52.7359	88.749	0	0	0
2429	12	8.81429	54.6375	10	0	0	0	22.3515	11.57	1.5825	51.6765	88.4175	0	0	0
2430	12	13.3743	54.6375	10	0	0	0	22.4195	11.57	1.2825	58.033	90.4067	0	0	0
2431	12	10.5074	45.5725	10	0	0	0	22.6809	12.51	1.02071	51.5246	84.6804	0	0	0
2432	12	8.82	45.5725	10	0	0	0	22.6518	12.51	1.085	49.7218	84.0594	0	0	0
2433	12	13.1829	48.6475	10	0	0	0	24.9544	13.79	0.875	46.6877	86.4317	0	0	0
2434	12	11.2494	48.6475	10	0	0	0	24.9544	13.79	0.842857	46.5911	86.4877	0	0	0
2435	12	8.67143	48.6475	10	0	0	0	24.9544	13.79	0.8	46.4623	86.5624	0	0	0
2436	12	13.1114	61.42	10	0	0	0	20.5114	11.71	0.9	55.932	87.8598	0	0	0
2437	12	10.1498	47.81	10	0	0	0	23.8185	12.2871	0.982857	50.3816	84.8703	0	0	0
2438	12	7.92857	37.6025	10	0	0	0	26.2988	12.72	1.045	46.2189	82.6283	0	0	0
2439	12	12.9206	44.0425	10	0	0	0	20.4178	11.357	0.707503	57.3323	89.6252	0	0	0
2440	12	10.3664	41.3639	10	0	0	0	20.6902	11.1241	0.698926	53.8256	89.3705	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2441	12	6.96082	37.7925	10	0	0	0	21.0534	10.8135	0.68749	49.15	89.0309	0	0	0
2442	12	13.6114	48.6475	10	0	0	0	22.0501	13.79	0.875	50.0328	86.4317	0	0	0
2443	12	11.6779	48.6475	10	0	0	0	22.021	13.79	0.842857	50.5291	86.4877	0	0	0
2444	12	9.1	48.6475	10	0	0	0	21.9822	13.79	0.8	51.1909	86.5624	0	0	0
2445	12	12.7972	27	10	0	0	0	16.1257	8.70901	0.89	60.8944	86.7657	0	0	0
2446	12	10.32	26.1429	10	0	0	0	16.6571	7.85299	0.837496	55.793	86.5698	0	0	0
2447	12	7.01714	25	10	0	0	0	17.3657	6.71167	0.76749	48.991	86.3086	0	0	0
2448	12	9.59959	45.5725	10	0	0	0	22.2445	12.54	0.977857	49.7477	84.0733	0	0	0
2449	12	7.12857	45.5725	10	0	0	0	22.2154	12.54	1.01	50.2673	84.1294	0	0	0
2450	12	13.6629	48.6475	10	0	0	0	22.6249	13.76	1.175	53.4477	88.4217	0	0	0
2451	12	11.6168	48.6475	10	0	0	0	22.5959	13.76	1.175	52.172	87.582	0	0	0
2452	12	8.88857	48.6475	10	0	0	0	22.557	13.76	1.175	50.4712	86.4624	0	0	0
2453	12	14.6114	49.065	10	0	0	0	20.0652	11.31	1.4375	56.0885	85.4756	0	0	0
2454	12	13.1106	49.065	10	0	0	0	20.0449	11.31	1.4375	56.1126	85.5149	0	0	0
2455	12	11.1094	49.065	10	0	0	0	20.0177	11.31	1.4375	56.1447	85.5671	0	0	0
2456	12	15.1029	69.58	10	0	0	0	23.2623	9.02	1.0725	56.0342	86.2607	0	0	0
2457	12	12.7849	68.2782	10	0	0	0	24.1978	8.87429	1.18071	54.5911	85.7082	0	0	0
2458	12	9.69429	66.5425	10	0	0	0	25.4451	8.68	1.325	52.6669	84.9715	0	0	0
2459	12	12.8	45.5725	10	0	0	0	22.7197	12.51	1.16	53.9283	85.5086	0	0	0
2460	12	10.5257	45.5725	10	0	0	0	22.6809	12.51	1.16	51.5246	84.6804	0	0	0
2461	12	8.82	45.5725	10	0	0	0	22.6518	12.51	1.16	49.7218	84.0594	0	0	0
2462	12	12.6657	44.935	10	0	0	0	21.3209	13.93	0.77	52.0744	86.0306	0	0	0
2463	12	7.92857	45.3125	10	0	0	0	28.523	13.86	0.96	47.9697	84.2388	0	0	0
2464	12	13.4348	40.9	10	0	0	0	19.4006	11.7227	0.697503	56.6638	88.848	0	0	0
2465	12	10.6284	41.1882	10	0	0	0	20.1972	11.3135	0.699641	53.6297	88.5174	0	0	0
2466	12	13.1543	61.42	10	0	0	0	20.5114	11.71	1.125	55.932	87.8598	0	0	0
2467	12	10.1682	47.81	10	0	0	0	23.8185	12.2871	1.165	50.3816	84.8703	0	0	0
2468	12	7.92857	37.6025	10	0	0	0	26.2988	12.72	1.195	46.2189	82.6283	0	0	0
2469	12	12.349	49.065	10	0	0	0	26.1471	10.1043	1.2875	48.8239	83.8425	0	0	0
2470	12	11.3571	49.065	10	0	0	0	25.9055	9.83412	1.31964	50.2075	84.3979	0	0	0
2471	12	10.0347	49.065	10	0	0	0	24.6398	8.4	1.3625	55.3215	86.8088	0	0	0
2472	12	12.1263	54.6375	10	0	0	0	22.3991	11.57	1.68	56.126	89.81	0	0	0
2473	12	10.2337	54.6375	10	0	0	0	22.3719	11.57	1.71	53.5834	89.0142	0	0	0
2474	12	8.81429	54.6375	10	0	0	0	22.3515	11.57	1.7325	51.6765	88.4175	0	0	0
2475	12	13.5457	54.6375	10	0	0	0	22.4195	11.57	1.6575	58.033	90.4067	0	0	0
2476	12	12.3367	49.065	10	0	0	0	22.0537	11.2	0.794643	53.2249	85.1917	0	0	0
2477	12	9.38	49.065	10	0	0	0	22.0149	11.2	0.8375	53.7148	85.2664	0	0	0
2478	12	14.1686	42.4925	10	0	0	0	28.8383	13.51	1.325	53.4013	87.584	0	0	0
2479	12	11.9792	42.4925	10	0	0	0	29.6057	13.4586	1.55	52.4522	87.49	0	0	0
2480	12	9.06	42.4925	10	0	0	0	30.6289	13.39	1.85	51.1868	87.3648	0	0	0
2481	12	13.1491	45.625	10	0	0	0	20.5378	11.5513	0.717503	55.8066	89.8709	0	0	0
2482	12	10.4945	40.9643	10	0	0	0	20.891	11.3208	0.704641	52.5791	89.3566	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2483	12	6.95511	34.75	10	0	0	0	21.362	11.0135	0.68749	48.2757	88.6709	0	0	0
2484	12	13.6943	42.4925	10	0	0	0	30.6968	13.39	1.625	50.0583	87.234	0	0	0
2485	12	11.7081	42.4925	10	0	0	0	30.6677	13.39	1.75357	50.5419	87.29	0	0	0
2486	12	9.06	42.4925	10	0	0	0	30.6289	13.39	1.925	51.1868	87.3648	0	0	0
2487	12	11.4943	42.4925	10	0	0	0	29.6057	13.4586	1.55	52.4522	87.49	0	0	0
2488	12	7.92857	42.4925	10	0	0	0	30.6289	13.39	1.85	51.1868	87.3648	0	0	0
2489	12	13.6943	42.4925	10	0	0	0	30.6968	13.39	1.55	50.0583	87.234	0	0	0
2490	12	11.7081	42.4925	10	0	0	0	30.6677	13.39	1.67857	50.5419	87.29	0	0	0
2491	12	14.1143	54.6375	10	0	0	0	19.6744	11.73	1.3575	54.7095	88.7467	0	0	0
2492	12	12.5277	54.6375	10	0	0	0	20.457	11.685	1.47	53.8257	88.651	0	0	0
2493	12	10.4123	54.6375	10	0	0	0	21.5003	11.625	1.62	52.6472	88.5232	0	0	0
2494	12	8.82571	54.6375	10	0	0	0	22.2829	11.58	1.7325	51.7633	88.4275	0	0	0
2495	12	12.6429	57.26	10	0	0	0	21.9738	10.94	1.5825	56.4935	88.7804	0	0	0
2496	12	11.119	57.5244	10	0	0	0	23.8249	10.0956	1.61694	55.2583	88.7142	0	0	0
2497	12	9.97619	57.7228	10	0	0	0	25.2132	9.46222	1.64278	54.3319	88.6645	0	0	0
2498	12	9.21429	57.855	10	0	0	0	26.1388	9.04	1.66	53.7142	88.6314	0	0	0
2499	12	12.7143	45.5725	10	0	0	0	22.7197	12.51	1.46	53.9283	85.5086	0	0	0
2500	12	10.9835	45.5725	10	0	0	0	22.6895	12.51	1.46	52.0588	84.8645	0	0	0
2501	12	9.68539	45.5725	10	0	0	0	22.6669	12.51	1.46	50.6566	84.3814	0	0	0
2502	12	8.82	45.5725	10	0	0	0	22.6518	12.51	1.46	49.7218	84.0594	0	0	0
2503	12	12.2443	54.6375	10	0	0	0	22.358	11.58	1.3575	50.7161	88.3294	0	0	0
2504	12	10.7224	54.6375	10	0	0	0	22.3353	11.58	1.4575	51.1706	88.373	0	0	0
2505	12	9.58094	54.6375	10	0	0	0	22.3184	11.58	1.5325	51.5116	88.4057	0	0	0
2506	12	8.82	54.6375	10	0	0	0	22.307	11.58	1.5825	51.7388	88.4275	0	0	0
2507	12	13.3857	54.6375	10	0	0	0	22.3749	11.58	1.2825	50.3751	88.2967	0	0	0
2508	12	12.6857	57.26	10	0	0	0	21.9738	10.94	1.5825	56.4935	88.7804	0	0	0
2509	12	11.1429	57.5244	10	0	0	0	23.8249	10.0956	1.61694	55.2583	88.7142	0	0	0
2510	12	9.9857	57.7228	10	0	0	0	25.2132	9.46222	1.64278	54.3319	88.6645	0	0	0
2511	12	11.2233	42.4925	10	0	0	0	30.6677	13.39	1.67857	50.5419	87.29	0	0	0
2512	12	12.66	54.6375	10	0	0	0	19.712	11.7225	1.3575	54.9282	88.7719	0	0	0
2513	12	10.9533	54.6375	10	0	0	0	20.8654	11.6592	1.4575	53.5107	88.6188	0	0	0
2514	12	9.67332	54.6375	10	0	0	0	21.7304	11.6117	1.5325	52.4476	88.504	0	0	0
2515	12	13.94	54.6375	10	0	0	0	18.847	11.77	1.2825	55.9913	88.8867	0	0	0
2516	12	11.9871	54.6375	10	0	0	0	22.358	11.58	1.52625	50.7161	88.3294	0	0	0
2517	12	10.5795	54.6375	10	0	0	0	22.3353	11.58	1.55125	51.1706	88.373	0	0	0
2518	12	9.52381	54.6375	10	0	0	0	22.3184	11.58	1.57	51.5116	88.4057	0	0	0
2519	12	13.0429	54.6375	10	0	0	0	22.3749	11.58	1.5075	50.3751	88.2967	0	0	0
2520	12	11.9384	49.065	10	0	0	0	20.3528	11.29	1.16964	55.6675	85.4717	0	0	0
2521	12	7.92857	49.065	10	0	0	0	20.314	11.29	1.2125	55.7825	85.5464	0	0	0
2522	12	13.4348	46.75	10	0	0	0	20.3264	11.3913	0.737503	57.9781	89.9566	0	0	0
2523	12	10.6652	42.1964	10	0	0	0	20.851	11.3249	0.712855	54.273	89.4301	0	0	0
2524	12	6.97225	36.125	10	0	0	0	21.5506	11.2364	0.67999	49.3329	88.728	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2525	12	11.7643	54.6375	10	0	0	0	22.358	11.58	1.52625	50.7161	88.3294	0	0	0
2526	12	10.0595	54.6375	10	0	0	0	22.3353	11.58	1.55125	51.1706	88.373	0	0	0
2527	12	8.78095	54.6375	10	0	0	0	22.3184	11.58	1.57	51.5116	88.4057	0	0	0
2528	12	7.92857	54.6375	10	0	0	0	22.307	11.58	1.5825	51.7388	88.4275	0	0	0
2529	12	13.9514	42.4925	10	0	0	0	30.6968	13.39	1.325	50.0583	87.234	0	0	0
2530	12	11.8551	42.4925	10	0	0	0	30.6677	13.39	1.55	50.5419	87.29	0	0	0
2531	12	10.9117	42.4925	10	0	0	0	31.2485	13.35	0.833333	51.4986	88.1765	0	0	0
2532	12	9.66697	42.4925	10	0	0	0	31.2259	13.35	0.858333	50.8264	87.6235	0	0	0
2533	12	8.83714	42.4925	10	0	0	0	31.2108	13.35	0.875	50.3783	87.2548	0	0	0
2534	12	12.5714	42.4925	10	0	0	0	31.2787	13.35	0.8	52.3948	88.914	0	0	0
2535	12	13.5429	45.625	10	0	0	0	19.1969	10.06	0.7925	54.0429	89.9336	0	0	0
2536	12	10.8685	40.9643	10	0	0	0	19.8019	11.0757	0.7475	50.606	89.0912	0	0	0
2537	12	7.30286	34.75	10	0	0	0	20.6087	12.43	0.6875	46.0235	87.9681	0	0	0
2538	12	10.7524	42.4925	10	0	0	0	29.8928	13.4389	0.8	52.0577	87.4377	0	0	0
2539	12	9.05809	42.4925	10	0	0	0	30.6836	13.3856	0.8	51.0501	87.3279	0	0	0
2540	12	7.92857	42.4925	10	0	0	0	31.2108	13.35	0.8	50.3783	87.2548	0	0	0
2541	12	13.0114	42.4925	10	0	0	0	28.8383	13.51	0.8	53.4013	87.584	0	0	0
2542	12	13.1914	48.6475	10	0	0	0	25.6938	13.76	0.8	53.211	88.3429	0	0	0
2543	12	10.9359	48.6475	10	0	0	0	25.6647	13.76	0.735714	51.9354	87.5033	0	0	0
2544	12	7.92857	48.6475	10	0	0	0	25.6259	13.76	0.65	50.2345	86.3837	0	0	0
2545	12	11.1562	42.4925	10	0	0	0	29.8928	13.4389	0.8	52.0577	87.4377	0	0	0
2546	12	9.76474	42.4925	10	0	0	0	30.6836	13.3856	0.8	51.0501	87.3279	0	0	0
2547	12	8.83714	42.4925	10	0	0	0	31.2108	13.35	0.8	50.3783	87.2548	0	0	0
2548	12	13.9286	48.6475	10	0	0	0	25.6938	13.76	0.875	53.211	88.3429	0	0	0
2549	12	11.4943	48.6475	10	0	0	0	25.6647	13.76	0.842857	51.9354	87.5033	0	0	0
2550	12	9.3	48.6475	10	0	0	0	25.6259	13.76	0.8	50.2345	86.3837	0	0	0
2551	12	13.4914	48.6475	10	0	0	0	22.6249	13.76	0.875	53.4477	88.4217	0	0	0
2552	12	11.5188	48.6475	10	0	0	0	22.5959	13.76	0.842857	52.172	87.582	0	0	0
2553	12	10.9117	42.4925	10	0	0	0	31.2485	13.35	0.8	51.4986	88.1765	0	0	0
2554	12	9.66697	42.4925	10	0	0	0	31.2259	13.35	0.8	50.8264	87.6235	0	0	0
2555	12	13.1491	35.5	10	0	0	0	19.6864	11.8713	0.695003	57.5781	90.0709	0	0	0
2556	12	10.4994	35.2504	10	0	0	0	20.7302	11.2808	0.704641	54.6566	89.5982	0	0	0
2557	12	6.96653	34.9175	10	0	0	0	22.122	10.4935	0.71749	50.7614	88.968	0	0	0
2558	12	10.3708	42.4925	10	0	0	0	30.9383	13.37	0.983333	50.1003	87.2421	0	0	0
2559	12	9.52603	42.4925	10	0	0	0	30.9157	13.37	1.00833	50.5173	87.2857	0	0	0
2560	12	8.96286	42.4925	10	0	0	0	30.9006	13.37	1.025	50.7953	87.3148	0	0	0
2561	12	11.4971	42.4925	10	0	0	0	30.9685	13.37	0.95	49.5443	87.184	0	0	0
2562	12	12.6229	44.935	10	0	0	0	21.3209	13.93	0.77	52.0744	86.0306	0	0	0
2563	12	8.44286	45.3125	10	0	0	0	28.523	13.86	0.885	47.9697	84.2388	0	0	0
2564	12	12.4029	54.6375	10	0	0	0	19.712	11.7225	1.52625	54.9282	88.7719	0	0	0
2565	12	10.8105	54.6375	10	0	0	0	20.8654	11.6592	1.55125	53.5107	88.6188	0	0	0
2566	12	9.61619	54.6375	10	0	0	0	21.7304	11.6117	1.57	52.4476	88.504	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2567	12	13.5971	54.6375	10	0	0	0	18.847	11.77	1.5075	55.9913	88.8867	0	0	0
2568	12	10.2689	42.4925	10	0	0	0	31.2485	13.35	1.025	51.4986	88.1765	0	0	0
2569	12	9.40984	42.4925	10	0	0	0	31.2259	13.35	1.025	50.8264	87.6235	0	0	0
2570	12	11.4143	42.4925	10	0	0	0	31.2787	13.35	1.025	52.3948	88.914	0	0	0
2571	12	8.67168	24.5094	10	0	0	0	18.695	6.57006	0.633856	49.8389	87.5327	0	0	0
2572	12	7.56582	26.4103	10	0	0	0	19.8365	6.5126	0.635556	47.1344	86.6622	0	0	0
2573	12	6.82857	27.6775	10	0	0	0	20.5974	6.4743	0.636689	45.3313	86.0819	0	0	0
2574	12	10.1462	21.975	10	0	0	0	17.1731	6.64664	0.631591	53.445	88.6933	0	0	0
2575	12	10.466	42.4925	10	0	0	0	30.2072	13.42	0.983333	51.4288	87.381	0	0	0
2576	12	9.56413	42.4925	10	0	0	0	30.6233	13.39	1.00833	51.0487	87.3413	0	0	0
2577	12	11.6686	42.4925	10	0	0	0	29.6526	13.46	0.95	51.9357	87.434	0	0	0
2578	12	13.4348	32.375	10	0	0	0	19.8292	11.2484	0.700003	56.6638	89.2423	0	0	0
2579	12	10.6652	33.9286	10	0	0	0	21.1229	11.0743	0.713926	54.1832	88.7158	0	0	0
2580	12	6.97225	36	10	0	0	0	22.8477	10.8421	0.73249	50.8757	88.0137	0	0	0
2581	12	10.8165	42.4925	10	0	0	0	31.2485	13.35	1.025	51.4986	88.1765	0	0	0
2582	12	9.62891	42.4925	10	0	0	0	31.2259	13.35	1.025	50.8264	87.6235	0	0	0
2583	12	12.4	42.4925	10	0	0	0	31.2787	13.35	1.025	52.3948	88.914	0	0	0
2584	12	12.9206	39.375	10	0	0	0	20.0121	11.317	0.697503	58.1781	90.528	0	0	0
2585	12	10.3394	38.0357	10	0	0	0	20.8478	10.8563	0.699641	54.5097	89.9035	0	0	0
2586	12	6.89796	36.25	10	0	0	0	21.962	10.2421	0.70249	49.6186	89.0709	0	0	0
2587	12	11.9491	47	10	0	0	0	20.1378	11.7284	0.720003	56.9495	89.7566	0	0	0
2588	12	9.81373	42.3929	10	0	0	0	20.9759	10.9861	0.711426	53.8077	89.4749	0	0	0
2589	12	6.96653	36.25	10	0	0	0	22.0934	9.99637	0.69999	49.6186	89.0994	0	0	0
2590	12	13.0171	36.4825	10	0	0	0	24.0257	11.52	0.6625	56.6751	80.2107	0	0	0
2591	12	10.1094	36.6811	10	0	0	0	25.8312	11.28	0.876786	52.0867	80.4335	0	0	0
2592	12	7.92857	36.83	10	0	0	0	27.1854	11.1	1.0375	48.6454	80.6005	0	0	0
2593	12	13.4348	32.25	10	0	0	0	19.9892	11.4655	0.695003	57.9209	89.8137	0	0	0
2594	12	10.6774	33.6429	10	0	0	0	20.9498	11.3943	0.715355	55.1709	89.4586	0	0	0
2595	12	7.00082	35.5	10	0	0	0	22.2306	11.2992	0.74249	51.5043	88.9852	0	0	0
2596	12	11.9491	44.15	10	0	0	0	19.7321	11.7913	0.712503	57.3952	89.8309	0	0	0
2597	12	9.80638	41.2143	10	0	0	0	20.4992	11.2473	0.706069	53.744	89.5419	0	0	0
2598	12	6.94939	37.3	10	0	0	0	21.522	10.5221	0.69749	48.8757	89.1566	0	0	0
2599	12	13.4348	36.375	10	0	0	0	19.3721	12.2541	0.702503	57.1781	89.1852	0	0	0
2600	12	10.6284	36.2679	10	0	0	0	20.0804	11.1298	0.707855	53.975	88.9648	0	0	0
2601	12	6.88653	36.125	10	0	0	0	21.0249	9.63065	0.71499	49.7043	88.6709	0	0	0
2602	12	13.4348	36.5	10	0	0	0	20.4292	10.2655	0.705003	58.3781	90.6709	0	0	0
2603	12	10.6431	36.2857	10	0	0	0	21.0298	10.3877	0.701783	55.1016	90.2178	0	0	0
2604	12	6.92082	36	10	0	0	0	21.8306	10.5507	0.69749	50.7329	89.6137	0	0	0
2605	12	12.3694	49.065	10	0	0	0	22.5375	11.17	1.23393	52.5228	85.1117	0	0	0
2606	12	9.26571	49.065	10	0	0	0	22.4987	11.17	1.3625	53.1207	85.1864	0	0	0
2607	12	11.3572	44.0075	10	0	0	0	31.7194	10.42	0.850357	44.7095	84.0988	0	0	0
2608	12	7.92857	44.0075	10	0	0	0	31.6806	10.42	0.8075	45.4009	84.1735	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2609	12	13.4348	53.25	10	0	0	0	20.4921	12.2884	0.700003	57.5495	88.0137	0	0	0
2610	12	10.5697	50.3571	10	0	0	0	21.2029	11.3404	0.723569	53.1709	87.4994	0	0	0
2611	12	9.26635	31.23	10	0	0	0	24.1403	7.11111	0.763056	48.7579	82.0244	0	0	0
2612	12	9.17682	32.1075	10	0	0	0	26.5699	7.52444	0.759722	48.2259	81.1347	0	0	0
2613	12	9.11714	32.6925	10	0	0	0	28.1896	7.8	0.7575	47.8711	80.5415	0	0	0
2614	12	9.38571	30.06	10	0	0	0	20.901	6.56	0.7675	49.4673	83.2107	0	0	0
2615	12	13.6514	42.4925	10	0	0	0	30.6968	13.39	1.625	50.0583	87.234	0	0	0
2616	12	11.6837	42.4925	10	0	0	0	30.6677	13.39	1.68929	50.5419	87.29	0	0	0
2617	12	9.06	42.4925	10	0	0	0	30.6289	13.39	1.775	51.1868	87.3648	0	0	0
2618	12	12.6363	49.065	10	0	0	0	20.3528	11.29	1.20179	55.6675	85.4717	0	0	0
2619	12	9.55714	49.065	10	0	0	0	20.314	11.29	1.2875	55.7825	85.5464	0	0	0
2620	12	14.8543	49.065	10	0	0	0	22.0828	11.2	1.2125	52.8575	85.1356	0	0	0
2621	12	12.5082	49.065	10	0	0	0	22.0537	11.2	1.24464	53.2249	85.1917	0	0	0
2622	12	8.67168	32.0094	10	0	0	0	18.695	6.57006	0.753889	49.8389	87.5327	0	0	0
2623	12	7.56582	33.9103	10	0	0	0	19.8365	6.5126	0.768056	47.1344	86.6622	0	0	0
2624	12	6.82857	35.1775	10	0	0	0	20.5974	6.4743	0.7775	45.3313	86.0819	0	0	0
2625	12	10.1462	29.475	10	0	0	0	17.1731	6.64664	0.735	53.445	88.6933	0	0	0
2626	12	13.9543	42.4925	10	0	0	0	28.8383	13.51	1.4	53.4013	87.584	0	0	0
2627	12	11.7612	42.4925	10	0	0	0	29.8551	13.4414	1.56071	52.1057	87.4429	0	0	0
2628	12	13.5143	42.4925	10	0	0	0	31.2787	13.35	1.475	52.3948	88.914	0	0	0
2629	12	11.5098	42.4925	10	0	0	0	31.2496	13.35	1.63571	51.5306	88.2029	0	0	0
2630	12	8.83714	42.4925	10	0	0	0	31.2108	13.35	1.85	50.3783	87.2548	0	0	0
2631	12	14.2286	45.08	10	0	0	0	28.6391	8.21	1.45	49.1278	87.2607	0	0	0
2632	12	11.6314	45.08	10	0	0	0	28.61	8.21	1.61071	49.5936	87.3168	0	0	0
2633	12	8.16857	45.08	10	0	0	0	28.5713	8.21	1.825	50.2146	87.3915	0	0	0
2634	12	6.80919	30	10	0	0	0	21.5841	9.83849	0.699987	48.2771	88.585	0	0	0
2635	12	6.91205	30	10	0	0	0	20.9155	10.3571	0.699987	49.9657	89.5321	0	0	0
2636	12	14.88	30	10	0	0	0	18.543	7.58	1.7	58.3826	88.831	0	0	0
2637	12	12.6949	30	10	0	0	0	19.3492	7.92714	1.65714	57.8564	88.9143	0	0	0
2638	12	9.78143	30	10	0	0	0	20.4241	8.39	1.6	57.1546	89.0254	0	0	0
2639	12	12.6625	30	10	0	0	0	19.9897	9.165	1.375	58.1201	90.3121	0	0	0
2640	12	10.622	30	10	0	0	0	21.2822	9.945	1.475	55.3446	90.1669	0	0	0
2641	12	9.09167	30	10	0	0	0	22.2516	10.53	1.55	53.263	90.058	0	0	0
2642	12	8.07143	30	10	0	0	0	22.8979	10.92	1.6	51.8753	89.9854	0	0	0
2643	12	14.1929	30	10	0	0	0	19.0203	8.58	1.3	60.2017	90.421	0	0	0
2644	12	13.4465	30	10	0	0	0	19.0709	11.9883	0.825002	57.3707	89.635	0	0	0
2645	12	10.6644	30	10	0	0	0	19.5565	11.2121	0.771424	54.2908	89.4237	0	0	0
2646	12	6.9549	30	10	0	0	0	20.2041	10.1771	0.699987	50.1843	89.1421	0	0	0
2647	12	13.6643	30	10	0	0	0	30.3183	13.35	1.7	53.503	89.942	0	0	0
2648	12	11.688	30	10	0	0	0	30.2795	13.35	1.74286	52.8365	89.2496	0	0	0
2649	12	9.05286	30	10	0	0	0	30.2278	13.35	1.8	51.9477	88.3263	0	0	0
2650	12	11.3139	30	10	0	0	0	17.5775	10.935	0.8	58.2669	86.8263	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2651	12	11.3143	30	10	0	0	0	21.4003	9.17571	0.8	53.2466	86.1296	0	0	0
2652	12	10.1633	30	10	0	0	0	23.336	9.4188	0.757143	51.915	85.1237	0	0	0
2653	12	10.1633	30	10	0	0	0	22.886	9.09737	0.757143	51.6169	85.5456	0	0	0
2654	12	8.62857	30	10	0	0	0	25.317	9.31429	0.7	49.7421	84.3451	0	0	0
2655	12	8.62857	30	10	0	0	0	21.2306	8.20857	0.7	52.0469	87.4756	0	0	0
2656	12	8.62857	30	10	0	0	0	23.547	10.615	0.7	51.0599	84.3108	0	0	0
2657	12	8.62857	30	10	0	0	0	22.6256	10.2014	0.7	53.1153	84.9988	0	0	0
2658	12	8.62857	30	10	0	0	0	24.3441	9.31214	0.7	48.9229	84.8453	0	0	0
2659	12	8.63226	30	10	0	0	0	23.0724	9.32821	0.7	52.7898	86.723	0	0	0
2660	12	10.1671	30	10	0	0	0	18.621	11.052	0.757143	56.954	86.0069	0	0	0
2661	12	11.319	30	10	0	0	0	17.3267	9.19047	0.8	52.5399	88.2793	0	0	0
2662	12	10.7965	30	10	0	0	0	20.5066	10.5364	0.825002	52.5874	90.1055	0	0	0
2663	12	10.7967	30	10	0	0	0	19.418	11.4087	0.825002	56.6489	89.3212	0	0	0
2664	12	9.20667	30	10	0	0	0	19.6245	10.4604	0.771424	54.942	88.8626	0	0	0
2665	12	9.20878	30	10	0	0	0	21.0045	9.31291	0.771424	52.0102	89.6564	0	0	0
2666	12	7.09196	30	10	0	0	0	19.5473	9.14528	0.699987	52.711	88.7769	0	0	0
2667	12	7.09319	30	10	0	0	0	19.268	10.8905	0.699987	53.403	88.4491	0	0	0
2668	12	7.0933	30	10	0	0	0	22.8752	9.12278	0.699987	50.2611	88.8963	0	0	0
2669	12	7.09624	30	10	0	0	0	19.3405	9.10778	0.699987	52.7196	89.3747	0	0	0
2670	12	7.09692	30	10	0	0	0	24.4245	8.89638	0.699987	48.7359	87.4069	0	0	0
2671	12	7.0993	30	10	0	0	0	22.8015	8.63694	0.699987	50.8209	89.0873	0	0	0
2672	12	9.22069	30	10	0	0	0	24.0838	9.58291	0.771424	50.5217	88.4049	0	0	0
2673	12	10.8107	30	10	0	0	0	24.083	10.6641	0.825002	52.1965	88.4049	0	0	0
2674	12	13.0367	30	10	0	0	0	25.1789	10.1043	1.3	49.9389	84.8728	0	0	0
2675	12	11.4204	30	10	0	0	0	24.8569	9.71907	1.34286	51.7694	85.624	0	0	0
2676	12	9.2653	30	10	0	0	0	23.7197	8.4	1.4	56.6619	87.8783	0	0	0
2677	12	12.9414	30	10	0	0	0	28.1438	13.51	0.5	53.8118	88.632	0	0	0
2678	12	9.47286	30	10	0	0	0	28.0533	13.51	0.5	54.1795	88.8063	0	0	0
2679	12	15.2457	30	10	0	0	0	31.7475	0.92	3.7	54.7901	91.781	0	0	0
2680	12	12.78	30	10	0	0	0	34.717	1.28	4.1	52.9347	88.6754	0	0	0
2681	12	12.4719	15	10	0	0	0	21.7273	5.21143	0.43068	59.0058	87.4135	0	0	0
2682	12	9.28782	15	10	0	0	0	21.9763	5.10123	0.509368	54.4156	87.2763	0	0	0
2683	12	6.89977	15	10	0	0	0	22.1631	5.01857	0.568384	50.9731	87.1735	0	0	0
2684	12	11.3533	15	10	0	0	0	20.6345	5.97	0.43068	55.2815	86.6721	0	0	0
2685	12	8.79864	15	10	0	0	0	20.9325	5.46551	0.509368	52.2024	86.7431	0	0	0
2686	12	6.88263	15	10	0	0	0	21.1559	5.08714	0.568384	49.8931	86.7963	0	0	0
2687	12	11.9105	15	10	0	0	0	26.8187	8.97857	0.43068	55.2215	86.0293	0	0	0
2688	12	9.32395	15	10	0	0	0	26.791	8.97857	0.509368	52.6566	85.5908	0	0	0
2689	12	7.38406	15	10	0	0	0	26.7702	8.97857	0.568384	50.7331	85.2621	0	0	0
2690	12	12.3322	30	10	0	0	0	19.1351	12.1598	0.825002	57.6065	90.2564	0	0	0
2691	12	10.024	30	10	0	0	0	19.6043	11.2752	0.771424	54.5449	89.935	0	0	0
2692	12	6.94633	30	10	0	0	0	20.2298	10.0956	0.699987	50.4629	89.5064	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2693	12	13.4465	30	10	0	0	0	19.0709	11.9883	0.825002	57.3707	89.635	0	0	0
2694	12	10.6644	30	10	0	0	0	19.5565	11.2121	0.771424	54.2908	89.4237	0	0	0
2695	12	6.9549	30	10	0	0	0	20.2041	10.1771	0.699987	50.1843	89.1421	0	0	0
2696	12	13.3179	30	10	0	0	0	19.3366	11.6626	0.825002	57.0579	89.8707	0	0	0
2697	12	10.5817	30	10	0	0	0	19.8278	11.1362	0.771424	54.3325	89.5217	0	0	0
2698	12	6.93347	30	10	0	0	0	20.4827	10.4342	0.699987	50.6986	89.0564	0	0	0
2699	12	10.8846	30	10	0	0	0	30.2781	13.35	0.744444	52.8118	89.2239	0	0	0
2700	12	9.78558	30	10	0	0	0	30.2479	13.35	0.777778	52.2934	88.6854	0	0	0
2701	12	9.05286	30	10	0	0	0	30.2278	13.35	0.8	51.9477	88.3263	0	0	0
2702	12	12.35	30	10	0	0	0	30.3183	13.35	0.7	53.503	89.942	0	0	0
2703	12	11.256	30	10	0	0	0	20.1954	8.97106	0.874996	57.6723	84.1834	0	0	0
2704	12	8.75786	30	10	0	0	0	19.2217	8.43893	0.774991	54.0739	84.9205	0	0	0
2705	12	6.88429	30	10	0	0	0	18.4914	8.03985	0.699987	51.3751	85.4734	0	0	0
2706	12	13.1295	30	10	0	0	0	20.9257	9.37011	0.95	60.3711	83.6305	0	0	0
2707	12	12.89	30	10	0	0	0	21.7631	12.51	0.6	49.4597	84.9547	0	0	0
2708	12	10.1365	30	10	0	0	0	21.7113	12.51	0.885714	50.5039	85.0544	0	0	0
2709	12	8.07143	30	10	0	0	0	21.6725	12.51	1.1	51.2871	85.1291	0	0	0
2710	12	13.0557	30	10	0	0	0	23.0575	11.52	0.9	57.7901	81.241	0	0	0
2711	12	10.2075	30	10	0	0	0	24.8574	11.28	0.9	53.459	81.4865	0	0	0
2712	12	8.07143	30	10	0	0	0	26.2072	11.1	0.9	50.2106	81.6707	0	0	0
2713	12	11.7711	30	10	0	0	0	19.268	11.876	0.825002	56.0929	86.103	0	0	0
2714	12	9.03005	30	10	0	0	0	19.8737	9.49791	0.753565	53.2789	85.8017	0	0	0
2715	12	6.97429	30	10	0	0	0	20.3279	7.71431	0.699987	51.1685	85.5758	0	0	0
2716	12	11.7711	30	10	0	0	0	18.8994	12.1589	0.825002	56.9586	86.553	0	0	0
2717	12	9.05455	30	10	0	0	0	19.4243	9.99381	0.753565	54.0124	86.0999	0	0	0
2718	12	7.01714	30	10	0	0	0	19.8179	8.37002	0.699987	51.8027	85.7601	0	0	0
2719	12	13.1129	30	10	0	0	0	23.0575	11.52	1.5	57.7901	81.241	0	0	0
2720	12	10.6141	30	10	0	0	0	24.8574	11.28	1.5	53.459	81.4865	0	0	0
2721	12	8.74	30	10	0	0	0	26.2072	11.1	1.5	50.2106	81.6707	0	0	0
2722	12	12.9729	30	10	0	0	0	24.3248	7.93	0.7	52.3141	84.9491	0	0	0
2723	12	9.71487	30	10	0	0	0	27.2519	7.09571	0.757143	48.8165	85.1696	0	0	0
2724	12	7.27143	30	10	0	0	0	29.4472	6.47	0.8	46.1934	85.335	0	0	0
2725	12	13.14	30	10	0	0	0	21.6899	13.76	0.9	54.5336	89.4422	0	0	0
2726	12	10.8265	30	10	0	0	0	21.6382	13.76	0.957143	53.0963	88.3476	0	0	0
2727	12	9.09143	30	10	0	0	0	21.5994	13.76	1	52.0182	87.5266	0	0	0
2728	12	13.1443	30	10	0	0	0	24.3248	7.93	0.9	52.3141	84.9491	0	0	0
2729	12	9.78836	30	10	0	0	0	27.2519	7.09571	0.957143	48.8165	85.1696	0	0	0
2730	12	7.27143	30	10	0	0	0	29.4472	6.47	1	46.1934	85.335	0	0	0
2731	12	12.89	30	10	0	0	0	21.7631	12.51	1.5	49.4597	84.9547	0	0	0
2732	12	10.6924	30	10	0	0	0	21.7113	12.51	1.5	50.5039	85.0544	0	0	0
2733	12	9.04429	30	10	0	0	0	21.6725	12.51	1.5	51.2871	85.1291	0	0	0
2734	12	9.74756	30	10	0	0	0	27.2519	7.09571	0.757143	48.8165	85.1696	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2735	12	7.32857	30	10	0	0	0	29.4472	6.47	0.8	46.1934	85.335	0	0	0
2736	12	14.47	30	10	0	0	0	22.4665	11.12	1.2	57.7495	89.1708	0	0	0
2737	12	12.2053	30	10	0	0	0	22.4277	11.12	1.2	55.9772	87.8569	0	0	0
2738	12	9.18571	30	10	0	0	0	22.3759	11.12	1.2	53.6141	86.1052	0	0	0
2739	12	12.4847	30	10	0	0	0	22.4393	11.12	1.47	56.5089	88.2511	0	0	0
2740	12	10.5996	30	10	0	0	0	22.4031	11.12	1.43	54.8547	87.0249	0	0	0
2741	12	9.18571	30	10	0	0	0	22.3759	11.12	1.4	53.6141	86.1052	0	0	0
2742	12	13.8986	30	10	0	0	0	22.4665	11.12	1.5	57.7495	89.1708	0	0	0
2743	12	12.1434	30	10	0	0	0	21.5739	11.18	1.47	53.4421	86.1531	0	0	0
2744	12	9.35943	30	10	0	0	0	21.5377	11.18	1.43	53.9768	86.2229	0	0	0
2745	12	7.27143	30	10	0	0	0	21.5105	11.18	1.4	54.3778	86.2752	0	0	0
2746	12	14.2314	30	10	0	0	0	21.601	11.18	1.5	53.0411	86.1008	0	0	0
2747	12	12.7833	30	10	0	0	0	21.5739	11.18	1.47	53.4421	86.1531	0	0	0
2748	12	10.8524	30	10	0	0	0	21.5377	11.18	1.43	53.9768	86.2229	0	0	0
2749	12	9.40429	30	10	0	0	0	21.5105	11.18	1.4	54.3778	86.2752	0	0	0
2750	12	14.2871	30	10	0	0	0	21.2703	11.2	1.1	53.5333	86.1608	0	0	0
2751	12	12.2183	30	10	0	0	0	21.2316	11.2	1.18571	54.0232	86.2355	0	0	0
2752	12	9.46	30	10	0	0	0	21.1798	11.2	1.3	54.6764	86.3352	0	0	0
2753	12	6.97429	30	10	0	0	0	20.3279	7.71431	0.699987	51.1685	85.5758	0	0	0
2754	12	14.4586	30	10	0	0	0	19.4403	11.31	1.2	56.1381	86.5008	0	0	0
2755	12	13.0104	30	10	0	0	0	19.4131	11.31	1.23	56.1701	86.5531	0	0	0
2756	12	11.0796	30	10	0	0	0	19.3769	11.31	1.27	56.2129	86.6229	0	0	0
2757	12	9.63143	30	10	0	0	0	19.3498	11.31	1.3	56.245	86.6752	0	0	0
2758	12	13.3867	30	10	0	0	0	18.1743	8.86011	0.95	61.9354	84.6162	0	0	0
2759	12	10.6385	30	10	0	0	0	18.5986	7.95569	0.842851	56.7539	84.2434	0	0	0
2760	12	6.97429	30	10	0	0	0	19.1643	6.74985	0.699987	49.8451	83.7462	0	0	0
2761	12	13.7271	30	10	0	0	0	22.4665	11.12	0.9	57.7495	89.1708	0	0	0
2762	12	10.4953	30	10	0	0	0	22.4147	11.12	0.957143	55.3864	87.4191	0	0	0
2763	12	8.07143	30	10	0	0	0	22.3759	11.12	1	53.6141	86.1052	0	0	0
2764	12	11.1321	30	10	0	0	0	22.4147	11.12	0.957143	55.3864	87.4191	0	0	0
2765	12	9.18571	30	10	0	0	0	22.3759	11.12	1	53.6141	86.1052	0	0	0
2766	12	12.9304	30	10	0	0	0	19.4131	11.31	1.33	56.1701	86.5531	0	0	0
2767	12	11.0453	30	10	0	0	0	19.3769	11.31	1.37	56.2129	86.6229	0	0	0
2768	12	9.63143	30	10	0	0	0	19.3498	11.31	1.4	56.245	86.6752	0	0	0
2769	12	14.3443	30	10	0	0	0	19.4403	11.31	1.3	56.1381	86.5008	0	0	0
2770	12	12.9153	30	10	0	0	0	17.4971	10.1244	0.95	63.114	85.9662	0	0	0
2771	12	10.3691	30	10	0	0	0	17.859	8.45038	0.842851	57.4824	85.8009	0	0	0
2772	12	6.97429	30	10	0	0	0	18.3414	6.21842	0.699987	49.9737	85.5805	0	0	0
2773	12	14.9343	30	10	0	0	0	19.7292	11.29	1.1	55.7283	86.4408	0	0	0
2774	12	12.6451	30	10	0	0	0	19.6904	11.29	1.14286	55.8433	86.5155	0	0	0
2775	12	9.59286	30	10	0	0	0	19.6387	11.29	1.2	55.9967	86.6152	0	0	0
2776	12	12.7647	30	10	0	0	0	22.4393	11.12	1.08	56.5089	88.2511	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2777	12	10.7196	30	10	0	0	0	22.4031	11.12	1.32	54.8547	87.0249	0	0	0
2778	12	9.18571	30	10	0	0	0	22.3759	11.12	1.5	53.6141	86.1052	0	0	0
2779	12	14.2986	30	10	0	0	0	22.4665	11.12	0.9	57.7495	89.1708	0	0	0
2780	12	14.7729	30	10	0	0	0	21.7054	11.17	1.1	52.9025	86.0808	0	0	0
2781	12	12.4592	30	10	0	0	0	21.6666	11.17	1.1	53.5005	86.1555	0	0	0
2782	12	9.37429	30	10	0	0	0	21.6149	11.17	1.1	54.2977	86.2552	0	0	0
2783	12	12.9304	30	10	0	0	0	19.4131	11.31	1.43	56.1701	86.5531	0	0	0
2784	12	11.0453	30	10	0	0	0	19.3769	11.31	1.47	56.2129	86.6229	0	0	0
2785	12	9.63143	30	10	0	0	0	19.3498	11.31	1.5	56.245	86.6752	0	0	0
2786	12	14.3443	30	10	0	0	0	19.4403	11.31	1.4	56.1381	86.5008	0	0	0
2787	12	12.2924	30	10	0	0	0	21.7919	8.616	1.08	50.7681	87.1533	0	0	0
2788	12	9.42329	30	10	0	0	0	24.6911	8.184	1.32	46.5787	86.463	0	0	0
2789	12	7.27143	30	10	0	0	0	26.8654	7.86	1.5	43.4367	85.9454	0	0	0
2790	12	14.4443	30	10	0	0	0	19.6175	8.94	0.9	53.9101	87.671	0	0	0
2791	12	12.1386	30	10	0	0	0	22.7336	10.43	1.1	52.5368	86.4366	0	0	0
2792	12	10.9631	30	10	0	0	0	24.3138	10.305	1.18571	49.4013	84.986	0	0	0
2793	12	9.39976	30	10	0	0	0	25.1611	7.20722	1.3	49.5091	82.2932	0	0	0
2794	12	12.9429	30	10	0	0	0	21.7995	12.51	0.9	55.0011	86.5247	0	0	0
2795	12	10.7127	30	10	0	0	0	21.7478	12.51	0.957143	52.8609	85.7215	0	0	0
2796	12	9.04	30	10	0	0	0	21.709	12.51	1	51.2558	85.1191	0	0	0
2797	12	14.5157	30	10	0	0	0	21.2703	11.2	0.6	53.5333	86.1608	0	0	0
2798	12	11.4967	30	10	0	0	0	21.2316	11.2	0.642857	54.0232	86.2355	0	0	0
2799	12	7.47143	30	10	0	0	0	21.1798	11.2	0.7	54.6764	86.3352	0	0	0
2800	12	13.67	30	10	0	0	0	22.4665	11.12	0.6	57.7495	89.1708	0	0	0
2801	12	11.1075	30	10	0	0	0	22.4147	11.12	0.885714	55.3864	87.4191	0	0	0
2802	12	9.18571	30	10	0	0	0	22.3759	11.12	1.1	53.6141	86.1052	0	0	0
2803	12	10.7157	30	10	0	0	0	22.4147	11.12	0.885714	55.3864	87.4191	0	0	0
2804	12	8.5	30	10	0	0	0	22.3759	11.12	1.1	53.6141	86.1052	0	0	0
2805	12	14.79	30	10	0	0	0	20.3815	11.25	1.1	54.8169	86.3308	0	0	0
2806	12	12.5498	30	10	0	0	0	20.3427	11.25	1.18571	55.0877	86.4055	0	0	0
2807	12	9.56286	30	10	0	0	0	20.291	11.25	1.3	55.4487	86.5052	0	0	0
2808	12	13.2457	30	10	0	0	0	19.4116	12.66	1.5	52.8211	85.3847	0	0	0
2809	12	9.83186	30	10	0	0	0	20.7036	12.5743	1.5	51.9446	85.2386	0	0	0
2810	12	7.27143	30	10	0	0	0	21.6725	12.51	1.5	51.2871	85.1291	0	0	0
2811	12	13.0104	30	10	0	0	0	19.4131	11.31	1.33	56.1701	86.5531	0	0	0
2812	12	11.0796	30	10	0	0	0	19.3769	11.31	1.37	56.2129	86.6229	0	0	0
2813	12	14.4586	30	10	0	0	0	19.4403	11.31	1.3	56.1381	86.5008	0	0	0
2814	12	12.4438	30	10	0	0	0	17.9257	8.73583	0.95	62.2483	84.7234	0	0	0
2815	12	10.1089	30	10	0	0	0	18.3224	8.1014	0.842851	56.9363	84.1577	0	0	0
2816	12	6.99571	30	10	0	0	0	18.8514	7.25557	0.699987	49.8537	83.4034	0	0	0
2817	12	13.7114	30	10	0	0	0	21.6899	13.76	0.8	54.5336	89.4422	0	0	0
2818	12	11.7315	30	10	0	0	0	21.6511	13.76	0.757143	53.4556	88.6212	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2819	12	9.09143	30	10	0	0	0	21.5994	13.76	0.7	52.0182	87.5266	0	0	0
2820	12	13.0257	30	10	0	0	0	21.6899	13.76	0.8	54.5336	89.4422	0	0	0
2821	12	13.0457	30	10	0	0	0	21.4077	12.54	0.9	49.9898	85.0147	0	0	0
2822	12	10.8155	30	10	0	0	0	21.3559	12.54	0.957143	50.9137	85.1144	0	0	0
2823	12	9.14286	30	10	0	0	0	21.3171	12.54	1	51.6065	85.1891	0	0	0
2824	12	14.0714	30	10	0	0	0	30.8747	10.42	0.8	45.1381	85.0637	0	0	0
2825	12	11.5	30	10	0	0	0	30.8359	10.42	0.714286	45.8294	85.1384	0	0	0
2826	12	8.07143	30	10	0	0	0	30.7842	10.42	0.6	46.7511	85.238	0	0	0
2827	12	12.4257	30	10	0	0	0	21.4333	11.57	1.3	57.6701	90.9492	0	0	0
2828	12	10.919	30	10	0	0	0	21.4031	11.57	1.43333	55.705	90.3007	0	0	0
2829	12	9.78903	30	10	0	0	0	21.3805	11.57	1.53333	54.2311	89.8142	0	0	0
2830	12	9.03571	30	10	0	0	0	21.3654	11.57	1.6	53.2486	89.49	0	0	0
2831	12	13.5557	30	10	0	0	0	21.4559	11.57	1.2	59.1439	91.4356	0	0	0
2832	12	10.7127	30	10	0	0	0	21.7478	12.51	1.01429	52.8609	85.7215	0	0	0
2833	12	9.04	30	10	0	0	0	21.709	12.51	1.1	51.2558	85.1191	0	0	0
2834	12	13.2371	30	10	0	0	0	25.0459	13.79	0.8	46.4769	87.4522	0	0	0
2835	12	11.2834	30	10	0	0	0	25.0459	13.79	0.757143	46.3482	87.527	0	0	0
2836	12	8.67857	30	10	0	0	0	25.0459	13.79	0.7	46.1765	87.6266	0	0	0
2837	12	13.2086	30	10	0	0	0	19.5785	11.71	0.9	57.016	88.8797	0	0	0
2838	12	10.2731	30	10	0	0	0	22.8547	12.2871	0.957143	51.745	85.9205	0	0	0
2839	12	8.07143	30	10	0	0	0	25.3118	12.72	1	47.7918	83.701	0	0	0
2840	12	13.0607	30	10	0	0	0	20.2837	11.9026	0.700005	57.4865	90.6935	0	0	0
2841	12	10.4494	30	10	0	0	0	20.4884	11.2549	0.699997	54.1237	90.5025	0	0	0
2842	12	6.96776	30	10	0	0	0	20.7613	10.3913	0.699987	49.64	90.2478	0	0	0
2843	12	13.8086	30	10	0	0	0	21.1734	13.79	0.8	50.9371	87.4522	0	0	0
2844	12	11.8549	30	10	0	0	0	21.1346	13.79	0.757143	51.5989	87.527	0	0	0
2845	12	9.25	30	10	0	0	0	21.0829	13.79	0.7	52.4812	87.6266	0	0	0
2846	12	12.8295	30	10	0	0	0	17.0943	9.46869	0.95	61.8926	86.1377	0	0	0
2847	12	10.3367	30	10	0	0	0	17.4929	8.4559	0.842851	56.7477	85.9907	0	0	0
2848	12	7.01286	30	10	0	0	0	18.0243	7.10557	0.699987	49.8879	85.7948	0	0	0
2849	12	9.74611	30	10	0	0	0	21.3559	12.54	0.957143	50.9137	85.1144	0	0	0
2850	12	7.27143	30	10	0	0	0	21.3171	12.54	1	51.6065	85.1891	0	0	0
2851	12	13.9971	30	10	0	0	0	21.6899	13.76	1.2	54.5336	89.4422	0	0	0
2852	12	11.8947	30	10	0	0	0	21.6511	13.76	1.2	53.4556	88.6212	0	0	0
2853	12	9.09143	30	10	0	0	0	21.5994	13.76	1.2	52.0182	87.5266	0	0	0
2854	12	14.4586	30	10	0	0	0	19.4403	11.31	1.5	56.1381	86.5008	0	0	0
2855	12	13.0104	30	10	0	0	0	19.4131	11.31	1.5	56.1701	86.5531	0	0	0
2856	12	11.0796	30	10	0	0	0	19.3769	11.31	1.5	56.2129	86.6229	0	0	0
2857	12	15.0771	30	10	0	0	0	22.5498	9.02	1.1	56.4155	87.291	0	0	0
2858	12	12.7708	30	10	0	0	0	23.5014	8.87429	1.22857	54.9814	86.7571	0	0	0
2859	12	9.69571	30	10	0	0	0	24.7702	8.68	1.4	53.0693	86.0454	0	0	0
2860	12	13	30	10	0	0	0	21.7995	12.51	1.2	55.0011	86.5247	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2861	12	10.7371	30	10	0	0	0	21.7478	12.51	1.2	52.8609	85.7215	0	0	0
2862	12	9.04	30	10	0	0	0	21.709	12.51	1.2	51.2558	85.1191	0	0	0
2863	12	12.8243	30	10	0	0	0	20.4211	13.93	0.8	53.1293	87.0409	0	0	0
2864	12	8.07143	30	10	0	0	0	27.7174	13.86	1	49.383	85.2585	0	0	0
2865	12	13.4465	30	10	0	0	0	19.5209	12.1769	0.700005	56.985	90.1107	0	0	0
2866	12	10.646	30	10	0	0	0	20.1186	11.397	0.699997	53.9768	89.8627	0	0	0
2867	12	13.2657	30	10	0	0	0	19.5785	11.71	1.2	57.016	88.8797	0	0	0
2868	12	10.2975	30	10	0	0	0	22.8547	12.2871	1.2	51.745	85.9205	0	0	0
2869	12	8.07143	30	10	0	0	0	25.3118	12.72	1.2	47.7918	83.701	0	0	0
2870	12	11.7143	30	10	0	0	0	24.8569	9.71907	1.34286	51.7694	85.624	0	0	0
2871	12	9.95101	30	10	0	0	0	23.7197	8.4	1.4	56.6619	87.8783	0	0	0
2872	12	12.3597	30	10	0	0	0	21.4287	11.57	1.73	57.3754	90.8519	0	0	0
2873	12	10.4603	30	10	0	0	0	21.3926	11.57	1.77	55.0172	90.0737	0	0	0
2874	12	9.03571	30	10	0	0	0	21.3654	11.57	1.8	53.2486	89.49	0	0	0
2875	12	13.7843	30	10	0	0	0	21.4559	11.57	1.7	59.1439	91.4356	0	0	0
2876	12	12.349	30	10	0	0	0	21.2316	11.2	0.642857	54.0232	86.2355	0	0	0
2877	12	9.46	30	10	0	0	0	21.1798	11.2	0.7	54.6764	86.3352	0	0	0
2878	12	14.4514	30	10	0	0	0	28.241	13.51	1.2	53.655	88.6119	0	0	0
2879	12	12.2094	30	10	0	0	0	28.8814	13.4586	1.5	53.1454	88.5367	0	0	0
2880	12	9.22	30	10	0	0	0	29.7352	13.39	1.9	52.4657	88.4363	0	0	0
2881	12	13.2322	30	10	0	0	0	20.3737	12.0483	0.700005	56.3422	90.8778	0	0	0
2882	12	10.5456	30	10	0	0	0	20.639	11.4025	0.699997	53.1888	90.4921	0	0	0
2883	12	6.96347	30	10	0	0	0	20.9927	10.5413	0.699987	48.9843	89.9778	0	0	0
2884	12	13.9457	30	10	0	0	0	29.8257	13.39	1.6	50.961	88.262	0	0	0
2885	12	11.9204	30	10	0	0	0	29.7869	13.39	1.77143	51.6059	88.3367	0	0	0
2886	12	9.22	30	10	0	0	0	29.7352	13.39	2	52.4657	88.4363	0	0	0
2887	12	11.7171	30	10	0	0	0	28.8814	13.4586	1.5	53.1454	88.5367	0	0	0
2888	12	8.07143	30	10	0	0	0	29.7352	13.39	1.9	52.4657	88.4363	0	0	0
2889	12	13.9457	30	10	0	0	0	29.8257	13.39	1.5	50.961	88.262	0	0	0
2890	12	11.9204	30	10	0	0	0	29.7869	13.39	1.67143	51.6059	88.3367	0	0	0
2891	12	14.2857	30	10	0	0	0	18.9693	11.73	1.3	54.966	89.7756	0	0	0
2892	12	12.7133	30	10	0	0	0	19.6696	11.685	1.45	54.4675	89.6929	0	0	0
2893	12	10.6167	30	10	0	0	0	20.6035	11.625	1.65	53.8029	89.5827	0	0	0
2894	12	9.04429	30	10	0	0	0	21.3038	11.58	1.8	53.3044	89.5	0	0	0
2895	12	12.8071	30	10	0	0	0	21.315	10.94	1.6	56.6847	89.8105	0	0	0
2896	12	11.2643	30	10	0	0	0	23.0765	10.0956	1.6	55.8495	89.7637	0	0	0
2897	12	10.1071	30	10	0	0	0	24.3977	9.46222	1.6	55.2232	89.7285	0	0	0
2898	12	9.33571	30	10	0	0	0	25.2784	9.04	1.6	54.8057	89.7051	0	0	0
2899	12	12.8857	30	10	0	0	0	21.7995	12.51	1.6	55.0011	86.5247	0	0	0
2900	12	11.1765	30	10	0	0	0	21.7593	12.51	1.6	53.3365	85.9	0	0	0
2901	12	9.89459	30	10	0	0	0	21.7291	12.51	1.6	52.088	85.4315	0	0	0
2902	12	9.04	30	10	0	0	0	21.709	12.51	1.6	51.2558	85.1191	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2903	12	12.4332	30	10	0	0	0	21.3939	11.58	1.3	51.9247	89.3692	0	0	0
2904	12	10.9251	30	10	0	0	0	21.3638	11.58	1.43333	52.5309	89.4273	0	0	0
2905	12	9.79403	30	10	0	0	0	21.3411	11.58	1.53333	52.9854	89.4709	0	0	0
2906	12	9.04	30	10	0	0	0	21.3261	11.58	1.6	53.2885	89.5	0	0	0
2907	12	13.5643	30	10	0	0	0	21.4166	11.58	1.2	51.4702	89.3256	0	0	0
2908	12	12.8643	30	10	0	0	0	21.315	10.94	1.6	56.6847	89.8105	0	0	0
2909	12	11.296	30	10	0	0	0	23.0765	10.0956	1.6	55.8495	89.7637	0	0	0
2910	12	10.1198	30	10	0	0	0	24.3977	9.46222	1.6	55.2232	89.7285	0	0	0
2911	12	11.4282	30	10	0	0	0	29.7869	13.39	1.67143	51.6059	88.3367	0	0	0
2912	12	12.745	30	10	0	0	0	18.9885	11.7225	1.3	55.321	89.8117	0	0	0
2913	12	11.0983	30	10	0	0	0	20.0274	11.6592	1.43333	54.4177	89.6732	0	0	0
2914	12	9.86331	30	10	0	0	0	20.8066	11.6117	1.53333	53.7401	89.5693	0	0	0
2915	12	13.98	30	10	0	0	0	18.2094	11.77	1.2	55.9985	89.9156	0	0	0
2916	12	12.0904	30	10	0	0	0	21.3939	11.58	1.525	51.9247	89.3692	0	0	0
2917	12	10.7347	30	10	0	0	0	21.3638	11.58	1.55833	52.5309	89.4273	0	0	0
2918	12	9.71786	30	10	0	0	0	21.3411	11.58	1.58333	52.9854	89.4709	0	0	0
2919	12	13.1071	30	10	0	0	0	21.4166	11.58	1.5	51.4702	89.3256	0	0	0
2920	12	11.993	30	10	0	0	0	19.6904	11.29	1.14286	55.8433	86.5155	0	0	0
2921	12	8.07143	30	10	0	0	0	19.6387	11.29	1.2	55.9967	86.6152	0	0	0
2922	12	13.4465	30	10	0	0	0	20.2151	11.9283	0.700005	57.9707	90.9421	0	0	0
2923	12	10.6735	30	10	0	0	0	20.609	11.4056	0.699997	54.4592	90.5472	0	0	0
2924	12	6.97633	30	10	0	0	0	21.1341	10.7085	0.699987	49.7771	90.0207	0	0	0
2925	12	11.8482	30	10	0	0	0	21.3939	11.58	1.525	51.9247	89.3692	0	0	0
2926	12	10.1696	30	10	0	0	0	21.3638	11.58	1.55833	52.5309	89.4273	0	0	0
2927	12	8.91072	30	10	0	0	0	21.3411	11.58	1.58333	52.9854	89.4709	0	0	0
2928	12	8.07143	30	10	0	0	0	21.3261	11.58	1.6	53.2885	89.5	0	0	0
2929	12	14.2886	30	10	0	0	0	29.8257	13.39	1.2	50.961	88.262	0	0	0
2930	12	12.1163	30	10	0	0	0	29.7869	13.39	1.5	51.6059	88.3367	0	0	0
2931	12	11.0116	30	10	0	0	0	30.2781	13.35	0.544444	52.8118	89.2239	0	0	0
2932	12	9.83632	30	10	0	0	0	30.2479	13.35	0.577778	52.2934	88.6854	0	0	0
2933	12	9.05286	30	10	0	0	0	30.2278	13.35	0.6	51.9477	88.3263	0	0	0
2934	12	12.5786	30	10	0	0	0	30.3183	13.35	0.5	53.503	89.942	0	0	0
2935	12	13.7571	30	10	0	0	0	18.5859	10.06	0.8	53.9906	90.9614	0	0	0
2936	12	11.0443	30	10	0	0	0	19.1869	11.0757	0.757143	50.5581	90.1383	0	0	0
2937	12	7.42714	30	10	0	0	0	19.9883	12.43	0.7	45.9813	89.0408	0	0	0
2938	12	10.7587	30	10	0	0	0	29.124	13.4389	0.5	52.8962	88.485	0	0	0
2939	12	9.14635	30	10	0	0	0	29.7863	13.3856	0.5	52.3271	88.3898	0	0	0
2940	12	8.07143	30	10	0	0	0	30.2278	13.35	0.5	51.9477	88.3263	0	0	0
2941	12	12.9086	30	10	0	0	0	28.241	13.51	0.5	53.655	88.6119	0	0	0
2942	12	13.3686	30	10	0	0	0	24.8483	13.76	0.7	54.2181	89.3372	0	0	0
2943	12	11.0984	30	10	0	0	0	24.8095	13.76	0.614286	53.14	88.5162	0	0	0
2944	12	8.07143	30	10	0	0	0	24.7578	13.76	0.5	51.7027	87.4216	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2945	12	11.1949	30	10	0	0	0	29.124	13.4389	0.5	52.8962	88.485	0	0	0
2946	12	9.90966	30	10	0	0	0	29.7863	13.3856	0.5	52.3271	88.3898	0	0	0
2947	12	9.05286	30	10	0	0	0	30.2278	13.35	0.5	51.9477	88.3263	0	0	0
2948	12	14.0714	30	10	0	0	0	24.8483	13.76	0.8	54.2181	89.3372	0	0	0
2949	12	11.7315	30	10	0	0	0	24.8095	13.76	0.757143	53.14	88.5162	0	0	0
2950	12	9.4	30	10	0	0	0	24.7578	13.76	0.7	51.7027	87.4216	0	0	0
2951	12	13.7686	30	10	0	0	0	21.6899	13.76	0.8	54.5336	89.4422	0	0	0
2952	12	11.7641	30	10	0	0	0	21.6511	13.76	0.757143	53.4556	88.6212	0	0	0
2953	12	11.0116	30	10	0	0	0	30.2781	13.35	0.5	52.8118	89.2239	0	0	0
2954	12	9.83632	30	10	0	0	0	30.2479	13.35	0.5	52.2934	88.6854	0	0	0
2955	12	13.2322	30	10	0	0	0	19.7351	12.2883	0.700005	57.6707	91.0278	0	0	0
2956	12	10.5493	30	10	0	0	0	20.5184	11.3725	0.699997	54.747	90.6734	0	0	0
2957	12	6.97205	30	10	0	0	0	21.5627	10.1513	0.699987	50.8486	90.2007	0	0	0
2958	12	10.217	30	10	0	0	0	30.0144	13.37	0.744444	51.2871	88.2895	0	0	0
2959	12	9.57508	30	10	0	0	0	29.9842	13.37	0.777778	51.843	88.3476	0	0	0
2960	12	9.14714	30	10	0	0	0	29.9641	13.37	0.8	52.2137	88.3863	0	0	0
2961	12	11.0729	30	10	0	0	0	30.0546	13.37	0.7	50.5458	88.212	0	0	0
2962	12	12.7671	30	10	0	0	0	20.4211	13.93	0.8	53.1293	87.0409	0	0	0
2963	12	8.75714	30	10	0	0	0	27.7174	13.86	0.9	49.383	85.2585	0	0	0
2964	12	12.4021	30	10	0	0	0	18.9885	11.7225	1.525	55.321	89.8117	0	0	0
2965	12	10.9078	30	10	0	0	0	20.0274	11.6592	1.55833	54.4177	89.6732	0	0	0
2966	12	9.78714	30	10	0	0	0	20.8066	11.6117	1.58333	53.7401	89.5693	0	0	0
2967	12	13.5229	30	10	0	0	0	18.2094	11.77	1.5	55.9985	89.9156	0	0	0
2968	12	10.1544	30	10	0	0	0	30.2781	13.35	0.8	52.8118	89.2239	0	0	0
2969	12	9.49349	30	10	0	0	0	30.2479	13.35	0.8	52.2934	88.6854	0	0	0
2970	12	11.0357	30	10	0	0	0	30.3183	13.35	0.8	53.503	89.942	0	0	0
2971	12	8.90299	20	10	0	0	0	18.8901	7.0397	0.584401	50.9304	87.5039	0	0	0
2972	12	7.68405	20	10	0	0	0	19.7219	6.39532	0.601111	48.5532	86.8511	0	0	0
2973	12	6.87143	20	10	0	0	0	20.2765	5.96574	0.612252	46.9685	86.4158	0	0	0
2974	12	10.5282	20	10	0	0	0	17.7809	7.89886	0.562121	54.1	88.3744	0	0	0
2975	12	10.2884	30	10	0	0	0	29.3934	13.42	0.744444	52.3585	88.4284	0	0	0
2976	12	9.60365	30	10	0	0	0	29.7358	13.39	0.777778	52.2716	88.4032	0	0	0
2977	12	11.2014	30	10	0	0	0	28.9367	13.46	0.7	52.4743	88.4619	0	0	0
2978	12	13.4465	30	10	0	0	0	19.8423	11.8212	0.700005	56.985	90.4064	0	0	0
2979	12	10.6735	30	10	0	0	0	20.8129	11.2176	0.699997	54.3918	90.0115	0	0	0
2980	12	6.97633	30	10	0	0	0	22.107	10.4128	0.699987	50.9343	89.485	0	0	0
2981	12	10.8846	30	10	0	0	0	30.2781	13.35	0.8	52.8118	89.2239	0	0	0
2982	12	9.78558	30	10	0	0	0	30.2479	13.35	0.8	52.2934	88.6854	0	0	0
2983	12	12.35	30	10	0	0	0	30.3183	13.35	0.8	53.503	89.942	0	0	0
2984	12	13.0607	30	10	0	0	0	19.9794	11.8726	0.700005	58.1207	91.3707	0	0	0
2985	12	10.4293	30	10	0	0	0	20.6065	11.0542	0.699997	54.6368	90.9023	0	0	0
2986	12	6.92062	30	10	0	0	0	21.4427	9.96278	0.699987	49.9914	90.2778	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
2987	12	12.3322	30	10	0	0	0	20.0737	12.1812	0.700005	57.1993	90.7921	0	0	0
2988	12	10.035	30	10	0	0	0	20.7027	11.1515	0.699997	54.1102	90.5809	0	0	0
2989	12	6.97205	30	10	0	0	0	21.5413	9.77849	0.699987	49.9914	90.2993	0	0	0
2990	12	13.1129	30	10	0	0	0	23.0575	11.52	0.6	57.7901	81.241	0	0	0
2991	12	10.232	30	10	0	0	0	24.8574	11.28	0.885714	53.459	81.4865	0	0	0
2992	12	8.07143	30	10	0	0	0	26.2072	11.1	1.1	50.2106	81.6707	0	0	0
2993	12	13.4465	30	10	0	0	0	19.9623	11.9841	0.700005	57.9279	90.835	0	0	0
2994	12	10.6827	30	10	0	0	0	20.6831	11.4576	0.699997	55.1327	90.5687	0	0	0
2995	12	6.99776	30	10	0	0	0	21.6441	10.7556	0.699987	51.4057	90.2135	0	0	0
2996	12	12.3322	30	10	0	0	0	19.7694	12.2283	0.700005	57.5336	90.8478	0	0	0
2997	12	10.0295	30	10	0	0	0	20.3451	11.3474	0.699997	54.0625	90.6311	0	0	0
2998	12	6.95919	30	10	0	0	0	21.1127	10.1728	0.699987	49.4343	90.3421	0	0	0
2999	12	13.4465	30	10	0	0	0	19.4994	12.5755	0.700005	57.3707	90.3635	0	0	0
3000	12	10.646	30	10	0	0	0	20.0311	11.2592	0.699997	54.2358	90.1982	0	0	0
3001	12	6.91205	30	10	0	0	0	20.7398	9.50421	0.699987	50.0557	89.9778	0	0	0
3002	12	13.4465	30	10	0	0	0	20.2923	11.0841	0.700005	58.2707	91.4778	0	0	0
3003	12	10.657	30	10	0	0	0	20.7431	10.7027	0.699997	55.0806	91.138	0	0	0
3004	12	6.93776	30	10	0	0	0	21.3441	10.1942	0.699987	50.8271	90.685	0	0	0
3005	12	12.4592	30	10	0	0	0	21.6666	11.17	1.22857	53.5005	86.1555	0	0	0
3006	12	9.37429	30	10	0	0	0	21.6149	11.17	1.4	54.2977	86.2552	0	0	0
3007	12	11.5	30	10	0	0	0	30.8359	10.42	0.757143	45.8294	85.1384	0	0	0
3008	12	8.07143	30	10	0	0	0	30.7842	10.42	0.7	46.7511	85.238	0	0	0
3009	12	13.4465	30	10	0	0	0	20.3394	12.6012	0.700005	57.6493	89.485	0	0	0
3010	12	10.6019	30	10	0	0	0	20.8729	11.4172	0.699997	53.6327	89.0993	0	0	0
3011	12	9.40254	30	10	0	0	0	23.4257	7.11111	0.8	49.2357	83.0741	0	0	0
3012	12	9.31873	30	10	0	0	0	25.784	7.52444	0.8	49.0352	82.1988	0	0	0
3013	12	9.26286	30	10	0	0	0	27.3561	7.8	0.8	48.9015	81.6154	0	0	0
3014	12	9.51429	30	10	0	0	0	20.2813	6.56	0.8	49.5031	84.241	0	0	0
3015	12	13.8886	30	10	0	0	0	29.8257	13.39	1.6	50.961	88.262	0	0	0
3016	12	11.8877	30	10	0	0	0	29.7869	13.39	1.68571	51.6059	88.3367	0	0	0
3017	12	9.22	30	10	0	0	0	29.7352	13.39	1.8	52.4657	88.4363	0	0	0
3018	12	12.6451	30	10	0	0	0	19.6904	11.29	1.18571	55.8433	86.5155	0	0	0
3019	12	9.59286	30	10	0	0	0	19.6387	11.29	1.3	55.9967	86.6152	0	0	0
3020	12	14.9157	30	10	0	0	0	21.2703	11.2	1.2	53.5333	86.1608	0	0	0
3021	12	12.5775	30	10	0	0	0	21.2316	11.2	1.24286	54.0232	86.2355	0	0	0
3022	12	8.90299	30	10	0	0	0	18.8901	7.0397	0.744444	50.9304	87.5039	0	0	0
3023	12	7.68405	30	10	0	0	0	19.7219	6.39532	0.777778	48.5532	86.8511	0	0	0
3024	12	6.87143	30	10	0	0	0	20.2765	5.96574	0.8	46.9685	86.4158	0	0	0
3025	12	10.5282	30	10	0	0	0	17.7809	7.89886	0.7	54.1	88.3744	0	0	0
3026	12	14.1657	30	10	0	0	0	28.241	13.51	1.3	53.655	88.6119	0	0	0
3027	12	11.9745	30	10	0	0	0	29.0925	13.4414	1.51429	52.9234	88.4896	0	0	0
3028	12	13.8357	30	10	0	0	0	30.3183	13.35	1.4	53.503	89.942	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3029	12	11.7859	30	10	0	0	0	30.2795	13.35	1.61429	52.8365	89.2496	0	0	0
3030	12	9.05286	30	10	0	0	0	30.2278	13.35	1.9	51.9477	88.3263	0	0	0
3031	12	14.3714	30	10	0	0	0	27.7689	8.21	1.4	50.0037	88.291	0	0	0
3032	12	11.7486	30	10	0	0	0	27.7301	8.21	1.61429	50.6247	88.3657	0	0	0
3033	12	8.25143	30	10	0	0	0	27.6783	8.21	1.9	51.4528	88.4654	0	0	0
3034	12	6.86899	30	10	0	0	0	21.0176	9.60061	0.675004	49.2214	90.3562	0	0	0
3035	12	6.93756	30	10	0	0	0	20.5719	9.94633	0.675004	50.3471	90.9876	0	0	0
3036	12	14.82	30	10	0	0	0	17.8913	7.58	1.309	58.4407	89.8612	0	0	0
3037	12	12.649	30	10	0	0	0	18.7019	7.92714	1.276	57.9158	89.9632	0	0	0
3038	12	9.75429	30	10	0	0	0	19.7826	8.39	1.232	57.2158	90.0992	0	0	0
3039	12	12.8	30	10	0	0	0	19.3384	9.165	1.12063	58.2401	91.3532	0	0	0
3040	12	10.7619	30	10	0	0	0	20.6223	9.945	1.20213	55.5474	91.2226	0	0	0
3041	12	9.23334	30	10	0	0	0	21.5853	10.53	1.26325	53.5279	91.1246	0	0	0
3042	12	8.21429	30	10	0	0	0	22.2274	10.92	1.304	52.1816	91.0592	0	0	0
3043	12	14.3286	30	10	0	0	0	18.3754	8.58	1.0595	60.2596	91.4512	0	0	0
3044	12	13.4581	30	10	0	0	0	19.3411	12.5054	0.604355	57.5634	91.0562	0	0	0
3045	12	10.6758	30	10	0	0	0	19.6653	11.3573	0.587511	54.5332	90.9154	0	0	0
3046	12	6.96613	30	10	0	0	0	20.0976	9.82633	0.565053	50.4929	90.7276	0	0	0
3047	12	13.9429	30	10	0	0	0	29.3579	13.35	1.36	54.6113	90.97	0	0	0
3048	12	11.9396	30	10	0	0	0	29.3094	13.35	1.39429	54.1424	90.2963	0	0	0
3049	12	9.26857	30	10	0	0	0	29.2447	13.35	1.44	53.5171	89.3979	0	0	0
3050	12	12.3426	30	10	0	0	0	16.7806	10.935	0.64	58.7734	87.8565	0	0	0
3051	12	12.3429	30	10	0	0	0	19.3291	9.76214	0.64	55.4266	87.3921	0	0	0
3052	12	10.9041	30	10	0	0	0	21.4863	9.8785	0.605714	53.5882	86.3808	0	0	0
3053	12	10.9041	30	10	0	0	0	21.1863	9.66421	0.605714	53.3895	86.6621	0	0	0
3054	12	8.98571	30	10	0	0	0	23.9625	9.74786	0.56	50.8721	85.4075	0	0	0
3055	12	8.98571	30	10	0	0	0	21.2382	9.01071	0.56	52.4086	87.4945	0	0	0
3056	12	8.98571	30	10	0	0	0	22.7825	10.615	0.56	51.7506	85.3846	0	0	0
3057	12	8.98571	30	10	0	0	0	22.1682	10.3393	0.56	53.1209	85.8433	0	0	0
3058	12	8.98571	30	10	0	0	0	23.3139	9.74643	0.56	50.3259	85.741	0	0	0
3059	12	8.98817	30	10	0	0	0	22.4661	9.75714	0.56	52.9039	86.9928	0	0	0
3060	12	10.9066	30	10	0	0	0	18.3429	10.9673	0.605714	56.9475	86.9696	0	0	0
3061	12	12.346	30	10	0	0	0	16.6134	9.77198	0.64	54.9554	88.8252	0	0	0
3062	12	11.6914	30	10	0	0	0	20.2982	11.5375	0.706677	54.3745	91.3699	0	0	0
3063	12	11.6916	30	10	0	0	0	19.5725	12.119	0.706677	57.0822	90.847	0	0	0
3064	12	9.70401	30	10	0	0	0	19.7106	10.8561	0.695137	54.9673	90.5413	0	0	0
3065	12	9.70542	30	10	0	0	0	20.6306	10.0911	0.695137	53.0128	91.0705	0	0	0
3066	12	7.0575	30	10	0	0	0	19.6598	9.13847	0.679751	52.1773	90.4842	0	0	0
3067	12	7.05832	30	10	0	0	0	19.4736	10.302	0.679751	52.6387	90.2656	0	0	0
3068	12	7.05839	30	10	0	0	0	21.8784	9.12347	0.679751	50.5441	90.5638	0	0	0
3069	12	7.06035	30	10	0	0	0	19.5219	9.11347	0.679751	52.1831	90.8827	0	0	0
3070	12	7.06081	30	10	0	0	0	22.9112	8.97254	0.679751	49.5273	89.5708	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3071	12	7.06239	30	10	0	0	0	21.8292	8.79958	0.679751	50.9173	90.6911	0	0	0
3072	12	9.71336	30	10	0	0	0	22.6835	10.2711	0.695137	52.0204	90.2362	0	0	0
3073	12	11.7009	30	10	0	0	0	22.6825	11.6226	0.706677	54.1139	90.2362	0	0	0
3074	12	13.7245	30	10	0	0	0	24.2108	10.1043	1.001	51.0539	85.903	0	0	0
3075	12	11.7041	30	10	0	0	0	23.8083	9.60401	1.034	53.3313	86.8501	0	0	0
3076	12	9.0102	30	10	0	0	0	22.7996	8.4	1.078	58.0024	88.9479	0	0	0
3077	12	12.7943	30	10	0	0	0	27.5622	13.51	0.495	54.0273	89.66	0	0	0
3078	12	9.54857	30	10	0	0	0	27.4491	13.51	0.495	54.4869	89.8779	0	0	0
3079	12	15.3971	30	10	0	0	0	30.7794	0.92	2.5	55.9051	92.8112	0	0	0
3080	12	13.02	30	10	0	0	0	33.7263	1.28	2.7	54.5109	89.7492	0	0	0
3081	12	12.1249	20	10	0	0	0	21.5891	5.37429	0.569593	59.2822	87.0019	0	0	0
3082	12	9.1162	16	10	0	0	0	21.739	5.30082	0.600214	55.2117	86.9104	0	0	0
3083	12	6.85971	13	10	0	0	0	21.8514	5.24571	0.623179	52.1589	86.8419	0	0	0
3084	12	11.3791	20	10	0	0	0	20.8606	5.88	0.569593	56.7994	86.5076	0	0	0
3085	12	8.79008	16	10	0	0	0	21.0431	5.54367	0.600214	53.7362	86.5549	0	0	0
3086	12	6.84829	13	10	0	0	0	21.1799	5.29143	0.623179	51.4389	86.5904	0	0	0
3087	12	11.7506	20	10	0	0	0	24.9834	7.88571	0.569593	56.7594	86.0791	0	0	0
3088	12	9.14029	16	10	0	0	0	24.9488	7.88571	0.600214	54.039	85.7867	0	0	0
3089	12	7.18257	13	10	0	0	0	24.9228	7.88571	0.623179	51.9989	85.5676	0	0	0
3090	12	12.7152	30	10	0	0	0	19.3839	12.6197	0.706677	57.7206	91.4705	0	0	0
3091	12	10.2489	30	10	0	0	0	19.6972	11.3993	0.695137	54.7026	91.2562	0	0	0
3092	12	6.96041	30	10	0	0	0	20.1148	9.77204	0.679751	50.6786	90.9705	0	0	0
3093	12	13.4581	30	10	0	0	0	19.3411	12.5054	0.706677	57.5634	91.0562	0	0	0
3094	12	10.6758	30	10	0	0	0	19.6653	11.3573	0.695137	54.5332	90.9154	0	0	0
3095	12	6.96613	30	10	0	0	0	20.0976	9.82633	0.679751	50.4929	90.7276	0	0	0
3096	12	13.3724	30	10	0	0	0	19.5182	12.2883	0.706677	57.3549	91.2134	0	0	0
3097	12	10.6207	30	10	0	0	0	19.8462	11.3067	0.695137	54.561	90.9807	0	0	0
3098	12	6.95184	30	10	0	0	0	20.2834	9.99776	0.679751	50.8357	90.6705	0	0	0
3099	12	10.9527	30	10	0	0	0	29.3076	13.35	0.595556	54.125	90.2713	0	0	0
3100	12	9.94225	30	10	0	0	0	29.2699	13.35	0.622222	53.7603	89.7473	0	0	0
3101	12	9.26857	30	10	0	0	0	29.2447	13.35	0.64	53.5171	89.3979	0	0	0
3102	12	12.3	30	10	0	0	0	29.3579	13.35	0.56	54.6113	90.97	0	0	0
3103	12	11.2202	30	10	0	0	0	20.1303	9.55057	0.818424	58.8464	84.2067	0	0	0
3104	12	8.76458	30	10	0	0	0	19.4811	8.73441	0.712656	54.8064	84.6981	0	0	0
3105	12	6.92286	30	10	0	0	0	18.9943	8.12231	0.63333	51.7764	85.0667	0	0	0
3106	12	13.0619	30	10	0	0	0	20.6171	10.1626	0.89775	61.8764	83.8381	0	0	0
3107	12	13.06	30	10	0	0	0	20.8464	12.51	0.471	50.5221	85.9709	0	0	0
3108	12	10.291	30	10	0	0	0	20.7816	12.51	0.695286	51.8274	86.0955	0	0	0
3109	12	8.21429	30	10	0	0	0	20.7331	12.51	0.8635	52.8064	86.1889	0	0	0
3110	12	13.1371	30	10	0	0	0	22.0894	11.52	0.7065	58.9051	82.2712	0	0	0
3111	12	10.3241	30	10	0	0	0	23.8835	11.28	0.7065	54.8312	82.5396	0	0	0
3112	12	8.21429	30	10	0	0	0	25.229	11.1	0.7065	51.7757	82.7409	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3113	12	11.7389	30	10	0	0	0	19.38	11.8025	0.693232	56.0836	86.5412	0	0	0
3114	12	9.02114	30	10	0	0	0	19.7285	8.84274	0.6889	53.4104	86.3404	0	0	0
3115	12	6.98286	30	10	0	0	0	19.9899	6.62289	0.685651	51.4056	86.1898	0	0	0
3116	12	11.7389	30	10	0	0	0	19.1343	11.9911	0.693232	56.6607	86.8412	0	0	0
3117	12	9.03747	30	10	0	0	0	19.4289	9.17334	0.6889	53.8994	86.5392	0	0	0
3118	12	7.01143	30	10	0	0	0	19.6499	7.06003	0.685651	51.8284	86.3126	0	0	0
3119	12	13.2086	30	10	0	0	0	22.0894	11.52	1.1775	58.9051	82.2712	0	0	0
3120	12	10.8379	30	10	0	0	0	23.8835	11.28	1.1775	54.8312	82.5396	0	0	0
3121	12	9.06	30	10	0	0	0	25.229	11.1	1.1775	51.7757	82.7409	0	0	0
3122	12	13.0486	30	10	0	0	0	23.401	7.93	0.56	53.3901	85.9664	0	0	0
3123	12	9.82895	30	10	0	0	0	26.3241	7.09571	0.605714	50.1481	86.2091	0	0	0
3124	12	7.41429	30	10	0	0	0	28.5165	6.47	0.64	47.7167	86.3913	0	0	0
3125	12	13.26	30	10	0	0	0	20.7549	13.76	0.72	55.6195	90.4628	0	0	0
3126	12	10.9939	30	10	0	0	0	20.6902	13.76	0.765714	54.4457	89.3931	0	0	0
3127	12	9.29429	30	10	0	0	0	20.6417	13.76	0.8	53.5653	88.5907	0	0	0
3128	12	13.2629	30	10	0	0	0	23.401	7.93	0.72	53.3901	85.9664	0	0	0
3129	12	9.92081	30	10	0	0	0	26.3241	7.09571	0.765714	50.1481	86.2091	0	0	0
3130	12	7.41429	30	10	0	0	0	28.5165	6.47	0.8	47.7167	86.3913	0	0	0
3131	12	13.06	30	10	0	0	0	20.8464	12.51	1.1775	50.5221	85.9709	0	0	0
3132	12	10.8902	30	10	0	0	0	20.7816	12.51	1.1775	51.8274	86.0955	0	0	0
3133	12	9.26286	30	10	0	0	0	20.7331	12.51	1.1775	52.8064	86.1889	0	0	0
3134	12	9.86981	30	10	0	0	0	26.3241	7.09571	0.605714	50.1481	86.2091	0	0	0
3135	12	7.48571	30	10	0	0	0	28.5165	6.47	0.64	47.7167	86.3913	0	0	0
3136	12	14.58	30	10	0	0	0	21.5156	11.12	0.924	58.8494	90.196	0	0	0
3137	12	12.3416	30	10	0	0	0	21.4671	11.12	0.924	57.2747	88.9008	0	0	0
3138	12	9.35714	30	10	0	0	0	21.4024	11.12	0.924	55.1751	87.174	0	0	0
3139	12	12.5131	30	10	0	0	0	21.4816	11.12	1.1319	57.7471	89.2894	0	0	0
3140	12	10.7097	30	10	0	0	0	21.4364	11.12	1.1011	56.2774	88.0806	0	0	0
3141	12	9.35714	30	10	0	0	0	21.4024	11.12	1.078	55.1751	87.174	0	0	0
3142	12	13.8657	30	10	0	0	0	21.5156	11.12	1.155	58.8494	90.196	0	0	0
3143	12	12.1323	30	10	0	0	0	20.7174	11.18	1.1319	54.3351	87.1914	0	0	0
3144	12	9.43629	30	10	0	0	0	20.6721	11.18	1.1011	55.0035	87.2786	0	0	0
3145	12	7.41429	30	10	0	0	0	20.6381	11.18	1.078	55.5047	87.344	0	0	0
3146	12	14.1543	30	10	0	0	0	20.7513	11.18	1.155	53.8339	87.126	0	0	0
3147	12	12.7589	30	10	0	0	0	20.7174	11.18	1.1319	54.3351	87.1914	0	0	0
3148	12	10.8983	30	10	0	0	0	20.6721	11.18	1.1011	55.0035	87.2786	0	0	0
3149	12	9.50286	30	10	0	0	0	20.6381	11.18	1.078	55.5047	87.344	0	0	0
3150	12	14.1914	30	10	0	0	0	20.4579	11.2	0.847	54.2091	87.186	0	0	0
3151	12	12.1979	30	10	0	0	0	20.4095	11.2	0.913	54.8215	87.2794	0	0	0
3152	12	9.54	30	10	0	0	0	20.3448	11.2	1.001	55.638	87.404	0	0	0
3153	12	6.98286	30	10	0	0	0	19.9899	6.62289	0.685651	51.4056	86.1898	0	0	0
3154	12	14.3057	30	10	0	0	0	18.8154	11.31	0.924	56.1876	87.526	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3155	12	12.9103	30	10	0	0	0	18.7814	11.31	0.9471	56.2276	87.5914	0	0	0
3156	12	11.0497	30	10	0	0	0	18.7361	11.31	0.9779	56.2811	87.6786	0	0	0
3157	12	9.65429	30	10	0	0	0	18.7022	11.31	1.001	56.3213	87.744	0	0	0
3158	12	13.2334	30	10	0	0	0	18.7829	9.82264	0.89775	62.9193	84.4953	0	0	0
3159	12	10.5546	30	10	0	0	0	19.0657	8.72533	0.784427	57.7066	84.2467	0	0	0
3160	12	6.98286	30	10	0	0	0	19.4429	7.26231	0.63333	50.7564	83.9153	0	0	0
3161	12	13.6514	30	10	0	0	0	21.5156	11.12	0.693	58.8494	90.196	0	0	0
3162	12	10.5445	30	10	0	0	0	21.4509	11.12	0.737	56.7498	88.4692	0	0	0
3163	12	8.21429	30	10	0	0	0	21.4024	11.12	0.77	55.1751	87.174	0	0	0
3164	12	11.1976	30	10	0	0	0	21.4509	11.12	0.737	56.7498	88.4692	0	0	0
3165	12	9.35714	30	10	0	0	0	21.4024	11.12	0.77	55.1751	87.174	0	0	0
3166	12	12.8103	30	10	0	0	0	18.7814	11.31	1.0241	56.2276	87.5914	0	0	0
3167	12	11.0069	30	10	0	0	0	18.7361	11.31	1.0549	56.2811	87.6786	0	0	0
3168	12	9.65429	30	10	0	0	0	18.7022	11.31	1.078	56.3213	87.744	0	0	0
3169	12	14.1629	30	10	0	0	0	18.8154	11.31	1.001	56.1876	87.526	0	0	0
3170	12	12.9191	30	10	0	0	0	18.3314	10.6655	0.89775	63.705	85.3953	0	0	0
3171	12	10.375	30	10	0	0	0	18.5727	9.05512	0.784427	58.1923	85.2851	0	0	0
3172	12	6.98286	30	10	0	0	0	18.8943	6.90803	0.63333	50.8421	85.1381	0	0	0
3173	12	14.9229	30	10	0	0	0	19.0765	11.29	0.847	55.8754	87.466	0	0	0
3174	12	12.6539	30	10	0	0	0	19.028	11.29	0.88	56.0191	87.5594	0	0	0
3175	12	9.62857	30	10	0	0	0	18.9634	11.29	0.924	56.2109	87.684	0	0	0
3176	12	12.8631	30	10	0	0	0	21.4816	11.12	0.8316	57.7471	89.2894	0	0	0
3177	12	10.8597	30	10	0	0	0	21.4364	11.12	1.0164	56.2774	88.0806	0	0	0
3178	12	9.35714	30	10	0	0	0	21.4024	11.12	1.155	55.1751	87.174	0	0	0
3179	12	14.3657	30	10	0	0	0	21.5156	11.12	0.693	58.8494	90.196	0	0	0
3180	12	14.8486	30	10	0	0	0	20.8443	11.17	0.847	53.7306	87.106	0	0	0
3181	12	12.549	30	10	0	0	0	20.7958	11.17	0.847	54.4781	87.1994	0	0	0
3182	12	9.48286	30	10	0	0	0	20.7311	11.17	0.847	55.4746	87.324	0	0	0
3183	12	12.8103	30	10	0	0	0	18.7814	11.31	1.1011	56.2276	87.5914	0	0	0
3184	12	11.0069	30	10	0	0	0	18.7361	11.31	1.1319	56.2811	87.6786	0	0	0
3185	12	9.65429	30	10	0	0	0	18.7022	11.31	1.155	56.3213	87.744	0	0	0
3186	12	14.1629	30	10	0	0	0	18.8154	11.31	1.078	56.1876	87.526	0	0	0
3187	12	12.3483	30	10	0	0	0	20.8266	8.616	0.8316	51.9871	88.1966	0	0	0
3188	12	9.52886	30	10	0	0	0	23.7296	8.184	1.0164	47.9364	87.5238	0	0	0
3189	12	7.41429	30	10	0	0	0	25.9068	7.86	1.155	44.8984	87.0192	0	0	0
3190	12	14.4629	30	10	0	0	0	18.6494	8.94	0.693	55.0251	88.7012	0	0	0
3191	12	12.9257	30	10	0	0	0	21.9758	10.43	0.847	53.0798	87.462	0	0	0
3192	12	11.4564	30	10	0	0	0	23.3885	9.88629	0.913	50.5854	85.9238	0	0	0
3193	12	9.49984	30	10	0	0	0	24.4324	7.20722	1.001	50.1186	83.367	0	0	0
3194	12	13.1286	30	10	0	0	0	20.8794	12.51	0.7065	56.0739	87.5409	0	0	0
3195	12	10.918	30	10	0	0	0	20.8148	12.51	0.751357	54.1972	86.7626	0	0	0
3196	12	9.26	30	10	0	0	0	20.7663	12.51	0.785	52.7897	86.1789	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3197	12	14.4771	30	10	0	0	0	20.4579	11.2	0.462	54.2091	87.186	0	0	0
3198	12	11.5359	30	10	0	0	0	20.4095	11.2	0.495	54.8215	87.2794	0	0	0
3199	12	7.61429	30	10	0	0	0	20.3448	11.2	0.539	55.638	87.404	0	0	0
3200	12	13.58	30	10	0	0	0	21.5156	11.12	0.462	58.8494	90.196	0	0	0
3201	12	11.1669	30	10	0	0	0	21.4509	11.12	0.682	56.7498	88.4692	0	0	0
3202	12	9.35714	30	10	0	0	0	21.4024	11.12	0.847	55.1751	87.174	0	0	0
3203	12	10.6771	30	10	0	0	0	21.4509	11.12	0.682	56.7498	88.4692	0	0	0
3204	12	8.5	30	10	0	0	0	21.4024	11.12	0.847	55.1751	87.174	0	0	0
3205	12	14.76	30	10	0	0	0	19.6644	11.25	0.847	55.1836	87.356	0	0	0
3206	12	12.5522	30	10	0	0	0	19.6159	11.25	0.913	55.5221	87.4494	0	0	0
3207	12	9.60857	30	10	0	0	0	19.5512	11.25	1.001	55.9734	87.574	0	0	0
3208	12	13.2971	30	10	0	0	0	18.742	12.66	1.1775	53.0739	86.4009	0	0	0
3209	12	9.93554	30	10	0	0	0	19.8798	12.5743	1.1775	52.9211	86.2797	0	0	0
3210	12	7.41429	30	10	0	0	0	20.7331	12.51	1.1775	52.8064	86.1889	0	0	0
3211	12	12.9103	30	10	0	0	0	18.7814	11.31	1.0241	56.2276	87.5914	0	0	0
3212	12	11.0497	30	10	0	0	0	18.7361	11.31	1.0549	56.2811	87.6786	0	0	0
3213	12	14.3057	30	10	0	0	0	18.8154	11.31	1.001	56.1876	87.526	0	0	0
3214	12	12.6048	30	10	0	0	0	18.6171	9.73979	0.89775	63.1279	84.5667	0	0	0
3215	12	10.2015	30	10	0	0	0	18.8816	8.82247	0.784427	57.8282	84.1896	0	0	0
3216	12	6.99714	30	10	0	0	0	19.2343	7.59946	0.63333	50.7621	83.6867	0	0	0
3217	12	13.9743	30	10	0	0	0	20.7549	13.76	0.64	55.6195	90.4628	0	0	0
3218	12	11.9686	30	10	0	0	0	20.7064	13.76	0.605714	54.7391	89.6604	0	0	0
3219	12	9.29429	30	10	0	0	0	20.6417	13.76	0.56	53.5653	88.5907	0	0	0
3220	12	13.1171	30	10	0	0	0	20.7549	13.76	0.64	55.6195	90.4628	0	0	0
3221	12	13.1971	30	10	0	0	0	20.5321	12.54	0.7065	50.9248	86.0309	0	0	0
3222	12	10.9865	30	10	0	0	0	20.4674	12.54	0.751357	52.0796	86.1555	0	0	0
3223	12	9.32857	30	10	0	0	0	20.4189	12.54	0.785	52.9456	86.2489	0	0	0
3224	12	14.2143	30	10	0	0	0	30.0009	10.42	0.64	46.0851	86.0846	0	0	0
3225	12	11.6429	30	10	0	0	0	29.9524	10.42	0.571429	46.9492	86.178	0	0	0
3226	12	8.21429	30	10	0	0	0	29.8877	10.42	0.48	48.1014	86.3025	0	0	0
3227	12	12.6171	30	10	0	0	0	20.4641	11.57	1.0595	58.8964	91.989	0	0	0
3228	12	11.1238	30	10	0	0	0	20.4264	11.57	1.16817	57.085	91.355	0	0	0
3229	12	10.0038	30	10	0	0	0	20.3981	11.57	1.24967	55.7264	90.8794	0	0	0
3230	12	9.25714	30	10	0	0	0	20.3792	11.57	1.304	54.8208	90.5625	0	0	0
3231	12	13.7371	30	10	0	0	0	20.4924	11.57	0.978	60.2549	92.4645	0	0	0
3232	12	10.918	30	10	0	0	0	20.8148	12.51	0.796214	54.1972	86.7626	0	0	0
3233	12	9.26	30	10	0	0	0	20.7663	12.51	0.8635	52.7897	86.1789	0	0	0
3234	12	13.2914	30	10	0	0	0	25.1374	13.79	0.64	46.2661	88.4728	0	0	0
3235	12	11.3175	30	10	0	0	0	25.1374	13.79	0.605714	46.1052	88.5662	0	0	0
3236	12	8.68571	30	10	0	0	0	25.1374	13.79	0.56	45.8906	88.6907	0	0	0
3237	12	13.3057	30	10	0	0	0	18.6456	11.71	0.7065	58.1	89.8996	0	0	0
3238	12	10.3964	30	10	0	0	0	21.8909	12.2871	0.751357	53.1084	86.9706	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3239	12	8.21429	30	10	0	0	0	24.3247	12.72	0.785	49.3648	84.7738	0	0	0
3240	12	13.2009	30	10	0	0	0	20.1496	12.4483	0.672004	57.6406	91.7619	0	0	0
3241	12	10.5325	30	10	0	0	0	20.2866	11.3858	0.67329	54.4218	91.6346	0	0	0
3242	12	6.9747	30	10	0	0	0	20.4691	9.96919	0.675004	50.13	91.4648	0	0	0
3243	12	14.0057	30	10	0	0	0	20.2968	13.79	0.64	51.8414	88.4728	0	0	0
3244	12	12.0318	30	10	0	0	0	20.2483	13.79	0.605714	52.6686	88.5662	0	0	0
3245	12	9.4	30	10	0	0	0	20.1836	13.79	0.56	53.7715	88.6907	0	0	0
3246	12	12.8619	30	10	0	0	0	18.0629	10.2284	0.89775	62.8907	85.5096	0	0	0
3247	12	10.3534	30	10	0	0	0	18.3286	9.0588	0.784427	57.7025	85.4116	0	0	0
3248	12	7.00857	30	10	0	0	0	18.6829	7.49946	0.63333	50.7849	85.281	0	0	0
3249	12	9.89264	30	10	0	0	0	20.4674	12.54	0.751357	52.0796	86.1555	0	0	0
3250	12	7.41429	30	10	0	0	0	20.4189	12.54	0.785	52.9456	86.2489	0	0	0
3251	12	14.3314	30	10	0	0	0	20.7549	13.76	0.96	55.6195	90.4628	0	0	0
3252	12	12.1727	30	10	0	0	0	20.7064	13.76	0.96	54.7391	89.6604	0	0	0
3253	12	9.29429	30	10	0	0	0	20.6417	13.76	0.96	53.5653	88.5907	0	0	0
3254	12	14.3057	30	10	0	0	0	18.8154	11.31	1.155	56.1876	87.526	0	0	0
3255	12	12.9103	30	10	0	0	0	18.7814	11.31	1.155	56.2276	87.5914	0	0	0
3256	12	11.0497	30	10	0	0	0	18.7361	11.31	1.155	56.2811	87.6786	0	0	0
3257	12	15.0514	30	10	0	0	0	21.8372	9.02	0.847	56.7969	88.3212	0	0	0
3258	12	12.7567	30	10	0	0	0	22.805	8.87429	0.946	55.3718	87.806	0	0	0
3259	12	9.69714	30	10	0	0	0	24.0952	8.68	1.078	53.4716	87.1192	0	0	0
3260	12	13.2	30	10	0	0	0	20.8794	12.51	0.942	56.0739	87.5409	0	0	0
3261	12	10.9486	30	10	0	0	0	20.8148	12.51	0.942	54.1972	86.7626	0	0	0
3262	12	9.26	30	10	0	0	0	20.7663	12.51	0.942	52.7897	86.1789	0	0	0
3263	12	12.9829	30	10	0	0	0	19.5214	13.93	0.64	54.1841	88.0511	0	0	0
3264	12	8.21429	30	10	0	0	0	26.9117	13.86	0.8	50.7962	86.2781	0	0	0
3265	12	13.4581	30	10	0	0	0	19.6411	12.6311	0.672004	57.3063	91.3734	0	0	0
3266	12	10.6636	30	10	0	0	0	20.04	11.4805	0.67329	54.3238	91.208	0	0	0
3267	12	13.3771	30	10	0	0	0	18.6456	11.71	0.942	58.1	89.8996	0	0	0
3268	12	10.4269	30	10	0	0	0	21.8909	12.2871	0.942	53.1084	86.9706	0	0	0
3269	12	8.21429	30	10	0	0	0	24.3247	12.72	0.942	49.3648	84.7738	0	0	0
3270	12	12.0714	30	10	0	0	0	23.8083	9.60401	1.034	53.3313	86.8501	0	0	0
3271	12	9.86734	30	10	0	0	0	22.7996	8.4	1.078	58.0024	88.9479	0	0	0
3272	12	12.5931	30	10	0	0	0	20.4584	11.57	1.40995	58.6247	91.8939	0	0	0
3273	12	10.6869	30	10	0	0	0	20.4132	11.57	1.44255	56.451	91.1331	0	0	0
3274	12	9.25714	30	10	0	0	0	20.3792	11.57	1.467	54.8208	90.5625	0	0	0
3275	12	14.0229	30	10	0	0	0	20.4924	11.57	1.3855	60.2549	92.4645	0	0	0
3276	12	12.3612	30	10	0	0	0	20.4095	11.2	0.495	54.8215	87.2794	0	0	0
3277	12	9.54	30	10	0	0	0	20.3448	11.2	0.539	55.638	87.404	0	0	0
3278	12	14.7343	30	10	0	0	0	27.6438	13.51	0.96	53.9088	89.6399	0	0	0
3279	12	12.4396	30	10	0	0	0	28.1571	13.4586	1.2	53.8385	89.5834	0	0	0
3280	12	9.38	30	10	0	0	0	28.8415	13.39	1.52	53.7446	89.5079	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3281	12	13.3152	30	10	0	0	0	20.2096	12.5454	0.672004	56.8777	91.8848	0	0	0
3282	12	10.5966	30	10	0	0	0	20.387	11.4842	0.67329	53.7985	91.6276	0	0	0
3283	12	6.97184	30	10	0	0	0	20.6234	10.0692	0.675004	49.6929	91.2848	0	0	0
3284	12	14.1971	30	10	0	0	0	28.9546	13.39	1.28	51.8638	89.29	0	0	0
3285	12	12.1326	30	10	0	0	0	28.9061	13.39	1.41714	52.6699	89.3834	0	0	0
3286	12	9.38	30	10	0	0	0	28.8415	13.39	1.6	53.7446	89.5079	0	0	0
3287	12	11.94	30	10	0	0	0	28.1571	13.4586	1.2	53.8385	89.5834	0	0	0
3288	12	8.21429	30	10	0	0	0	28.8415	13.39	1.52	53.7446	89.5079	0	0	0
3289	12	14.1971	30	10	0	0	0	28.9546	13.39	1.2	51.8638	89.29	0	0	0
3290	12	12.1326	30	10	0	0	0	28.9061	13.39	1.33714	52.6699	89.3834	0	0	0
3291	12	14.4571	30	10	0	0	0	18.2641	11.73	1.0595	55.2225	90.8045	0	0	0
3292	12	12.8989	30	10	0	0	0	18.8823	11.685	1.18175	55.1094	90.7349	0	0	0
3293	12	10.8211	30	10	0	0	0	19.7066	11.625	1.34475	54.9586	90.6421	0	0	0
3294	12	9.26286	30	10	0	0	0	20.3248	11.58	1.467	54.8455	90.5725	0	0	0
3295	12	12.9714	30	10	0	0	0	20.6563	10.94	1.256	56.8759	90.8406	0	0	0
3296	12	11.4095	30	10	0	0	0	22.3281	10.0956	1.256	56.4408	90.8132	0	0	0
3297	12	10.2381	30	10	0	0	0	23.5821	9.46222	1.256	56.1146	90.7926	0	0	0
3298	12	9.45714	30	10	0	0	0	24.418	9.04	1.256	55.8971	90.7789	0	0	0
3299	12	13.0571	30	10	0	0	0	20.8794	12.51	1.256	56.0739	87.5409	0	0	0
3300	12	11.3695	30	10	0	0	0	20.8291	12.51	1.256	54.6142	86.9356	0	0	0
3301	12	10.1038	30	10	0	0	0	20.7914	12.51	1.256	53.5195	86.4816	0	0	0
3302	12	9.26	30	10	0	0	0	20.7663	12.51	1.256	52.7897	86.1789	0	0	0
3303	12	12.6221	30	10	0	0	0	20.4299	11.58	1.0595	53.1334	90.409	0	0	0
3304	12	11.1278	30	10	0	0	0	20.3922	11.58	1.16817	53.8911	90.4816	0	0	0
3305	12	10.0071	30	10	0	0	0	20.3639	11.58	1.24967	54.4593	90.5361	0	0	0
3306	12	9.26	30	10	0	0	0	20.3451	11.58	1.304	54.8381	90.5725	0	0	0
3307	12	13.7429	30	10	0	0	0	20.4582	11.58	0.978	52.5652	90.3545	0	0	0
3308	12	13.0429	30	10	0	0	0	20.6563	10.94	1.256	56.8759	90.8406	0	0	0
3309	12	11.4492	30	10	0	0	0	22.3281	10.0956	1.256	56.4408	90.8132	0	0	0
3310	12	10.254	30	10	0	0	0	23.5821	9.46222	1.256	56.1146	90.7926	0	0	0
3311	12	11.6331	30	10	0	0	0	28.9061	13.39	1.33714	52.6699	89.3834	0	0	0
3312	12	12.83	30	10	0	0	0	18.265	11.7225	1.0595	55.7137	90.8515	0	0	0
3313	12	11.2433	30	10	0	0	0	19.1895	11.6592	1.16817	55.3246	90.7275	0	0	0
3314	12	10.0533	30	10	0	0	0	19.8828	11.6117	1.24967	55.0326	90.6345	0	0	0
3315	12	14.02	30	10	0	0	0	17.5717	11.77	0.978	56.0056	90.9445	0	0	0
3316	12	12.1936	30	10	0	0	0	20.4299	11.58	1.24287	53.1334	90.409	0	0	0
3317	12	10.8898	30	10	0	0	0	20.3922	11.58	1.27004	53.8911	90.4816	0	0	0
3318	12	9.91191	30	10	0	0	0	20.3639	11.58	1.29042	54.4593	90.5361	0	0	0
3319	12	13.1714	30	10	0	0	0	20.4582	11.58	1.2225	52.5652	90.3545	0	0	0
3320	12	12.0477	30	10	0	0	0	19.028	11.29	0.88	56.0191	87.5594	0	0	0
3321	12	8.21429	30	10	0	0	0	18.9634	11.29	0.924	56.2109	87.684	0	0	0
3322	12	13.4581	30	10	0	0	0	20.1039	12.4654	0.672004	57.9634	91.9276	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3323	12	10.6819	30	10	0	0	0	20.367	11.4863	0.67329	54.6454	91.6644	0	0	0
3324	12	6.98041	30	10	0	0	0	20.7176	10.1806	0.675004	50.2214	91.3134	0	0	0
3325	12	11.9321	30	10	0	0	0	20.4299	11.58	1.24287	53.1334	90.409	0	0	0
3326	12	10.2798	30	10	0	0	0	20.3922	11.58	1.27004	53.8911	90.4816	0	0	0
3327	12	9.04048	30	10	0	0	0	20.3639	11.58	1.29042	54.4593	90.5361	0	0	0
3328	12	8.21429	30	10	0	0	0	20.3451	11.58	1.304	54.8381	90.5725	0	0	0
3329	12	14.6257	30	10	0	0	0	28.9546	13.39	0.96	51.8638	89.29	0	0	0
3330	12	12.3775	30	10	0	0	0	28.9061	13.39	1.2	52.6699	89.3834	0	0	0
3331	12	11.1114	30	10	0	0	0	29.3076	13.35	0.539	54.125	90.2713	0	0	0
3332	12	10.0057	30	10	0	0	0	29.2699	13.35	0.572	53.7603	89.7473	0	0	0
3333	12	9.26857	30	10	0	0	0	29.2447	13.35	0.594	53.5171	89.3979	0	0	0
3334	12	12.5857	30	10	0	0	0	29.3579	13.35	0.495	54.6113	90.97	0	0	0
3335	12	13.9714	30	10	0	0	0	17.9749	10.06	0.64	53.9382	91.9893	0	0	0
3336	12	11.22	30	10	0	0	0	18.5718	11.0757	0.605714	50.5101	91.1854	0	0	0
3337	12	7.55143	30	10	0	0	0	19.3679	12.43	0.56	45.9391	90.1135	0	0	0
3338	12	10.7651	30	10	0	0	0	28.3553	13.4389	0.495	53.7347	89.5324	0	0	0
3339	12	9.2346	30	10	0	0	0	28.889	13.3856	0.495	53.6042	89.4517	0	0	0
3340	12	8.21429	30	10	0	0	0	29.2447	13.35	0.495	53.5171	89.3979	0	0	0
3341	12	12.8057	30	10	0	0	0	27.6438	13.51	0.495	53.9088	89.6399	0	0	0
3342	12	13.5457	30	10	0	0	0	24.0029	13.76	0.672	55.2251	90.3315	0	0	0
3343	12	11.2608	30	10	0	0	0	23.9544	13.76	0.589714	54.3447	89.5292	0	0	0
3344	12	8.21429	30	10	0	0	0	23.8898	13.76	0.48	53.1709	88.4595	0	0	0
3345	12	11.2336	30	10	0	0	0	28.3553	13.4389	0.495	53.7347	89.5324	0	0	0
3346	12	10.0546	30	10	0	0	0	28.889	13.3856	0.495	53.6042	89.4517	0	0	0
3347	12	9.26857	30	10	0	0	0	29.2447	13.35	0.495	53.5171	89.3979	0	0	0
3348	12	14.2143	30	10	0	0	0	24.0029	13.76	0.64	55.2251	90.3315	0	0	0
3349	12	11.9686	30	10	0	0	0	23.9544	13.76	0.605714	54.3447	89.5292	0	0	0
3350	12	9.5	30	10	0	0	0	23.8898	13.76	0.56	53.1709	88.4595	0	0	0
3351	12	14.0457	30	10	0	0	0	20.7549	13.76	0.64	55.6195	90.4628	0	0	0
3352	12	12.0094	30	10	0	0	0	20.7064	13.76	0.605714	54.7391	89.6604	0	0	0
3353	12	11.1114	30	10	0	0	0	29.3076	13.35	0.495	54.125	90.2713	0	0	0
3354	12	10.0057	30	10	0	0	0	29.2699	13.35	0.495	53.7603	89.7473	0	0	0
3355	12	13.3152	30	10	0	0	0	19.7839	12.7054	0.672004	57.7634	91.9848	0	0	0
3356	12	10.5991	30	10	0	0	0	20.3066	11.4642	0.67329	54.8373	91.7485	0	0	0
3357	12	6.97756	30	10	0	0	0	21.0034	9.80919	0.675004	50.9357	91.4334	0	0	0
3358	12	10.0632	30	10	0	0	0	29.0905	13.37	0.595556	52.4739	89.3369	0	0	0
3359	12	9.62413	30	10	0	0	0	29.0528	13.37	0.622222	53.1688	89.4095	0	0	0
3360	12	9.33143	30	10	0	0	0	29.0276	13.37	0.64	53.6321	89.4579	0	0	0
3361	12	10.6486	30	10	0	0	0	29.1408	13.37	0.56	51.5472	89.24	0	0	0
3362	12	12.9114	30	10	0	0	0	19.5214	13.93	0.64	54.1841	88.0511	0	0	0
3363	12	9.07143	30	10	0	0	0	26.9117	13.86	0.72	50.7962	86.2781	0	0	0
3364	12	12.4014	30	10	0	0	0	18.265	11.7225	1.24287	55.7137	90.8515	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3365	12	11.0052	30	10	0	0	0	19.1895	11.6592	1.27004	55.3246	90.7275	0	0	0
3366	12	9.95809	30	10	0	0	0	19.8828	11.6117	1.29042	55.0326	90.6345	0	0	0
3367	12	13.4486	30	10	0	0	0	17.5717	11.77	1.2225	56.0056	90.9445	0	0	0
3368	12	10.04	30	10	0	0	0	29.3076	13.35	0.64	54.125	90.2713	0	0	0
3369	12	9.57714	30	10	0	0	0	29.2699	13.35	0.64	53.7603	89.7473	0	0	0
3370	12	10.6571	30	10	0	0	0	29.3579	13.35	0.64	54.6113	90.97	0	0	0
3371	12	9.13429	20.2222	10	0	0	0	19.0851	7.50935	0.504936	52.0219	87.4752	0	0	0
3372	12	7.80229	17.8889	10	0	0	0	19.6074	6.27804	0.510176	49.9721	87.04	0	0	0
3373	12	6.91429	16.3333	10	0	0	0	19.9556	5.45717	0.513669	48.6056	86.7498	0	0	0
3374	12	10.9103	23.3333	10	0	0	0	18.3886	9.15107	0.49795	54.755	88.0555	0	0	0
3375	12	10.1108	30	10	0	0	0	28.5795	13.42	0.595556	53.2881	89.4758	0	0	0
3376	12	9.64318	30	10	0	0	0	28.8484	13.39	0.622222	53.4945	89.4651	0	0	0
3377	12	10.7343	30	10	0	0	0	28.2209	13.46	0.56	53.0129	89.4899	0	0	0
3378	12	13.4581	30	10	0	0	0	19.8554	12.394	0.672004	57.3063	91.5705	0	0	0
3379	12	10.6819	30	10	0	0	0	20.5029	11.3609	0.67329	54.6005	91.3072	0	0	0
3380	12	6.98041	30	10	0	0	0	21.3662	9.98347	0.675004	50.9929	90.9562	0	0	0
3381	12	10.9527	30	10	0	0	0	29.3076	13.35	0.64	54.125	90.2713	0	0	0
3382	12	9.94225	30	10	0	0	0	29.2699	13.35	0.64	53.7603	89.7473	0	0	0
3383	12	12.3	30	10	0	0	0	29.3579	13.35	0.64	54.6113	90.97	0	0	0
3384	12	13.2009	30	10	0	0	0	19.9468	12.4283	0.672004	58.0634	92.2134	0	0	0
3385	12	10.5191	30	10	0	0	0	20.3653	11.252	0.67329	54.7638	91.9011	0	0	0
3386	12	6.94327	30	10	0	0	0	20.9234	9.68347	0.675004	50.3643	91.4848	0	0	0
3387	12	12.7152	30	10	0	0	0	20.0096	12.634	0.672004	57.4491	91.8276	0	0	0
3388	12	10.2562	30	10	0	0	0	20.4294	11.3169	0.67329	54.4128	91.6868	0	0	0
3389	12	6.97756	30	10	0	0	0	20.9891	9.56061	0.675004	50.3643	91.4991	0	0	0
3390	12	13.2086	30	10	0	0	0	22.0894	11.52	0.471	58.9051	82.2712	0	0	0
3391	12	10.3547	30	10	0	0	0	23.8835	11.28	0.695286	54.8312	82.5396	0	0	0
3392	12	8.21429	30	10	0	0	0	25.229	11.1	0.8635	51.7757	82.7409	0	0	0
3393	12	13.4581	30	10	0	0	0	19.9354	12.5026	0.672004	57.9349	91.8562	0	0	0
3394	12	10.688	30	10	0	0	0	20.4164	11.5209	0.67329	55.0944	91.6787	0	0	0
3395	12	6.9947	30	10	0	0	0	21.0576	10.212	0.675004	51.3071	91.4419	0	0	0
3396	12	12.7152	30	10	0	0	0	19.8068	12.6654	0.672004	57.672	91.8648	0	0	0
3397	12	10.2525	30	10	0	0	0	20.191	11.4475	0.67329	54.381	91.7203	0	0	0
3398	12	6.96899	30	10	0	0	0	20.7034	9.82347	0.675004	49.9929	91.5276	0	0	0
3399	12	13.4581	30	10	0	0	0	19.6268	12.8969	0.672004	57.5634	91.5419	0	0	0
3400	12	10.6636	30	10	0	0	0	19.9817	11.3887	0.67329	54.4965	91.4317	0	0	0
3401	12	6.93756	30	10	0	0	0	20.4548	9.37776	0.675004	50.4071	91.2848	0	0	0
3402	12	13.4581	30	10	0	0	0	20.1554	11.9026	0.672004	58.1634	92.2848	0	0	0
3403	12	10.6709	30	10	0	0	0	20.4564	11.0177	0.67329	55.0597	92.0582	0	0	0
3404	12	6.9547	30	10	0	0	0	20.8576	9.83776	0.675004	50.9214	91.7562	0	0	0
3405	12	12.549	30	10	0	0	0	20.7958	11.17	0.946	54.4781	87.1994	0	0	0
3406	12	9.48286	30	10	0	0	0	20.7311	11.17	1.078	55.4746	87.324	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3407	12	11.6429	30	10	0	0	0	29.9524	10.42	0.605714	46.9492	86.178	0	0	0
3408	12	8.21429	30	10	0	0	0	29.8877	10.42	0.56	48.1014	86.3025	0	0	0
3409	12	13.4581	30	10	0	0	0	20.1868	12.914	0.672004	57.7491	90.9562	0	0	0
3410	12	10.6342	30	10	0	0	0	20.5429	11.494	0.67329	54.0944	90.6991	0	0	0
3411	12	9.53873	30	10	0	0	0	22.711	7.11111	0.64	49.7135	84.1237	0	0	0
3412	12	9.46063	30	10	0	0	0	24.998	7.52444	0.64	49.8446	83.263	0	0	0
3413	12	9.40857	30	10	0	0	0	26.5226	7.8	0.64	49.9319	82.6892	0	0	0
3414	12	9.64286	30	10	0	0	0	19.6616	6.56	0.64	49.5389	85.2712	0	0	0
3415	12	14.1257	30	10	0	0	0	28.9546	13.39	1.28	51.8638	89.29	0	0	0
3416	12	12.0918	30	10	0	0	0	28.9061	13.39	1.34857	52.6699	89.3834	0	0	0
3417	12	9.38	30	10	0	0	0	28.8415	13.39	1.44	53.7446	89.5079	0	0	0
3418	12	12.6539	30	10	0	0	0	19.028	11.29	0.913	56.0191	87.5594	0	0	0
3419	12	9.62857	30	10	0	0	0	18.9634	11.29	1.001	56.2109	87.684	0	0	0
3420	12	14.9771	30	10	0	0	0	20.4579	11.2	0.924	54.2091	87.186	0	0	0
3421	12	12.6469	30	10	0	0	0	20.4095	11.2	0.957	54.8215	87.2794	0	0	0
3422	12	9.13429	30	10	0	0	0	19.0851	7.50935	0.595556	52.0219	87.4752	0	0	0
3423	12	7.80229	30	10	0	0	0	19.6074	6.27804	0.622222	49.9721	87.04	0	0	0
3424	12	6.91429	30	10	0	0	0	19.9556	5.45717	0.64	48.6056	86.7498	0	0	0
3425	12	10.9103	30	10	0	0	0	18.3886	9.15107	0.56	54.755	88.0555	0	0	0
3426	12	14.3771	30	10	0	0	0	27.6438	13.51	1.04	53.9088	89.6399	0	0	0
3427	12	12.1878	30	10	0	0	0	28.3299	13.4414	1.21143	53.741	89.5363	0	0	0
3428	12	14.1571	30	10	0	0	0	29.3579	13.35	1.12	54.6113	90.97	0	0	0
3429	12	12.062	30	10	0	0	0	29.3094	13.35	1.29143	54.1424	90.2963	0	0	0
3430	12	9.26857	30	10	0	0	0	29.2447	13.35	1.52	53.5171	89.3979	0	0	0
3431	12	14.5143	30	10	0	0	0	26.8986	8.21	1.12	50.8796	89.3212	0	0	0
3432	12	11.8657	30	10	0	0	0	26.8501	8.21	1.29143	51.6559	89.4146	0	0	0
3433	12	8.33429	30	10	0	0	0	26.7854	8.21	1.52	52.691	89.5392	0	0	0
3434	12	6.92878	30	10	0	0	0	20.4512	9.36274	0.54	50.1657	92.1275	0	0	0
3435	12	6.96307	30	10	0	0	0	20.2283	9.53559	0.54	50.7286	92.4432	0	0	0
3436	12	14.76	30	10	0	0	0	17.2395	7.58	0.5705	58.4989	90.8915	0	0	0
3437	12	12.603	30	10	0	0	0	18.0545	7.92714	0.609071	57.9753	91.0122	0	0	0
3438	12	9.72714	30	10	0	0	0	19.1411	8.39	0.6605	57.2769	91.1731	0	0	0
3439	12	12.9375	30	10	0	0	0	18.687	9.165	0.826	58.3602	92.3944	0	0	0
3440	12	10.9018	30	10	0	0	0	19.9625	9.945	0.852667	55.7503	92.2782	0	0	0
3441	12	9.375	30	10	0	0	0	20.9191	10.53	0.872667	53.7928	92.1911	0	0	0
3442	12	8.35714	30	10	0	0	0	21.5568	10.92	0.886	52.4879	92.1331	0	0	0
3443	12	14.4643	30	10	0	0	0	17.7304	8.58	0.806	60.3176	92.4815	0	0	0
3444	12	13.4697	30	10	0	0	0	19.6113	13.0225	0.54	57.7561	92.4775	0	0	0
3445	12	10.6873	30	10	0	0	0	19.7741	11.5024	0.54	54.7755	92.407	0	0	0
3446	12	6.97735	30	10	0	0	0	19.9912	9.47559	0.54	50.8014	92.3132	0	0	0
3447	12	14.2214	30	10	0	0	0	28.3974	13.35	0.6445	55.7195	91.998	0	0	0
3448	12	12.1913	30	10	0	0	0	28.3392	13.35	0.648786	55.4483	91.3429	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3449	12	9.48429	30	10	0	0	0	28.2617	13.35	0.6545	55.0866	90.4695	0	0	0
3450	12	13.3713	30	10	0	0	0	15.9837	10.935	0.5825	59.28	88.8868	0	0	0
3451	12	13.3714	30	10	0	0	0	17.258	10.3486	0.5825	57.6065	88.6545	0	0	0
3452	12	11.6449	30	10	0	0	0	19.6365	10.3382	0.603929	55.2614	87.6379	0	0	0
3453	12	11.6449	30	10	0	0	0	19.4865	10.2311	0.603929	55.162	87.7785	0	0	0
3454	12	9.34286	30	10	0	0	0	22.608	10.1814	0.6325	52.002	86.4699	0	0	0
3455	12	9.34286	30	10	0	0	0	21.2459	9.81286	0.6325	52.7703	87.5134	0	0	0
3456	12	9.34286	30	10	0	0	0	22.018	10.615	0.6325	52.4413	86.4585	0	0	0
3457	12	9.34286	30	10	0	0	0	21.7109	10.4771	0.6325	53.1264	86.6878	0	0	0
3458	12	9.34286	30	10	0	0	0	22.2837	10.1807	0.6325	51.729	86.6366	0	0	0
3459	12	9.34409	30	10	0	0	0	21.8598	10.1861	0.6325	53.0179	87.2625	0	0	0
3460	12	11.6462	30	10	0	0	0	18.0649	10.8826	0.603929	56.9411	87.9323	0	0	0
3461	12	13.373	30	10	0	0	0	15.9001	10.3535	0.5825	57.371	89.3711	0	0	0
3462	12	12.5864	30	10	0	0	0	20.0899	12.5385	0.54	56.1617	92.6343	0	0	0
3463	12	12.5864	30	10	0	0	0	19.727	12.8293	0.54	57.5155	92.3729	0	0	0
3464	12	10.2014	30	10	0	0	0	19.7968	11.2519	0.54	54.9926	92.22	0	0	0
3465	12	10.2021	30	10	0	0	0	20.2568	10.8694	0.54	54.0153	92.4846	0	0	0
3466	12	7.02304	30	10	0	0	0	19.7722	9.13167	0.54	51.6437	92.1914	0	0	0
3467	12	7.02345	30	10	0	0	0	19.6791	9.71341	0.54	51.8743	92.0822	0	0	0
3468	12	7.02349	30	10	0	0	0	20.8815	9.12417	0.54	50.827	92.2312	0	0	0
3469	12	7.02447	30	10	0	0	0	19.7033	9.11917	0.54	51.6465	92.3907	0	0	0
3470	12	7.02469	30	10	0	0	0	21.398	9.0487	0.54	50.3186	91.7348	0	0	0
3471	12	7.02549	30	10	0	0	0	20.857	8.96222	0.54	51.0136	92.2949	0	0	0
3472	12	10.206	30	10	0	0	0	21.2832	10.9594	0.54	53.5192	92.0674	0	0	0
3473	12	12.5911	30	10	0	0	0	21.282	12.5811	0.54	56.0314	92.0674	0	0	0
3474	12	14.4122	30	10	0	0	0	23.2427	10.1043	0.5705	52.169	86.9333	0	0	0
3475	12	11.9877	30	10	0	0	0	22.7596	9.48895	0.609071	54.8933	88.0761	0	0	0
3476	12	8.7551	30	10	0	0	0	21.8796	8.4	0.6605	59.3429	90.0175	0	0	0
3477	12	12.6471	30	10	0	0	0	26.9807	13.51	0.6445	54.2427	90.688	0	0	0
3478	12	9.62429	30	10	0	0	0	26.8449	13.51	0.6545	54.7942	90.9495	0	0	0
3479	12	15.5486	30	10	0	0	0	29.8113	0.92	0.6445	57.0202	93.8415	0	0	0
3480	12	13.26	30	10	0	0	0	32.7355	1.28	0.6545	56.0871	90.8231	0	0	0
3481	12	11.7778	25	10	0	0	0	21.451	5.53714	0.62	59.5587	86.5903	0	0	0
3482	12	8.94459	17	10	0	0	0	21.5016	5.50041	0.62	56.0077	86.5445	0	0	0
3483	12	6.81966	11	10	0	0	0	21.5396	5.47286	0.62	53.3446	86.5102	0	0	0
3484	12	11.405	25	10	0	0	0	21.0867	5.79	0.62	58.3172	86.3432	0	0	0
3485	12	8.78153	17	10	0	0	0	21.1537	5.62184	0.62	55.27	86.3668	0	0	0
3486	12	6.81394	11	10	0	0	0	21.2039	5.49571	0.62	52.9846	86.3845	0	0	0
3487	12	11.5907	25	10	0	0	0	23.1481	6.79286	0.62	58.2972	86.1289	0	0	0
3488	12	8.95663	17	10	0	0	0	23.1065	6.79286	0.62	55.4214	85.9827	0	0	0
3489	12	6.98109	11	10	0	0	0	23.0753	6.79286	0.62	53.2646	85.8731	0	0	0
3490	12	13.0983	30	10	0	0	0	19.6327	13.0797	0.54	57.8347	92.6846	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3491	12	10.4738	30	10	0	0	0	19.79	11.5235	0.54	54.8602	92.5775	0	0	0
3492	12	6.9745	30	10	0	0	0	19.9997	9.44845	0.54	50.8943	92.4346	0	0	0
3493	12	13.4697	30	10	0	0	0	19.6113	13.0225	0.54	57.7561	92.4775	0	0	0
3494	12	10.6873	30	10	0	0	0	19.7741	11.5024	0.54	54.7755	92.407	0	0	0
3495	12	6.97735	30	10	0	0	0	19.9912	9.47559	0.54	50.8014	92.3132	0	0	0
3496	12	13.4268	30	10	0	0	0	19.6999	12.9139	0.54	57.6518	92.556	0	0	0
3497	12	10.6597	30	10	0	0	0	19.8645	11.4771	0.54	54.7894	92.4397	0	0	0
3498	12	6.97021	30	10	0	0	0	20.084	9.56131	0.54	50.9729	92.2846	0	0	0
3499	12	11.0208	30	10	0	0	0	28.3371	13.35	0.648944	55.4383	91.3186	0	0	0
3500	12	10.0989	30	10	0	0	0	28.2918	13.35	0.652278	55.2273	90.8092	0	0	0
3501	12	12.25	30	10	0	0	0	28.3974	13.35	0.6445	55.7195	91.998	0	0	0
3502	12	11.1845	30	10	0	0	0	20.0651	10.1301	0.6	60.0205	84.2301	0	0	0
3503	12	8.77129	30	10	0	0	0	19.7406	9.0299	0.6	55.5388	84.4758	0	0	0
3504	12	6.96143	30	10	0	0	0	19.4971	8.20478	0.6	52.1776	84.6601	0	0	0
3505	12	12.9943	30	10	0	0	0	20.3086	10.9552	0.6	63.3817	84.0458	0	0	0
3506	12	13.23	30	10	0	0	0	19.9296	12.51	0.5915	51.5845	86.9871	0	0	0
3507	12	10.4455	30	10	0	0	0	19.852	12.51	0.6315	53.1508	87.1366	0	0	0
3508	12	8.35714	30	10	0	0	0	19.7938	12.51	0.6615	54.3257	87.2487	0	0	0
3509	12	13.2186	30	10	0	0	0	21.1213	11.52	0.5915	60.0202	83.3015	0	0	0
3510	12	10.4406	30	10	0	0	0	22.9096	11.28	0.6315	56.2035	83.5926	0	0	0
3511	12	8.35714	30	10	0	0	0	24.2508	11.1	0.6615	53.3409	83.811	0	0	0
3512	12	11.7066	30	10	0	0	0	19.492	11.729	0.55	56.0743	86.9795	0	0	0
3513	12	9.01222	30	10	0	0	0	19.5834	8.18757	0.55	53.5419	86.879	0	0	0
3514	12	6.99143	30	10	0	0	0	19.6519	5.53146	0.55	51.6427	86.8037	0	0	0
3515	12	11.7066	30	10	0	0	0	19.3691	11.8233	0.55	56.3629	87.1295	0	0	0
3516	12	9.02039	30	10	0	0	0	19.4336	8.35287	0.55	53.7864	86.9784	0	0	0
3517	12	7.00571	30	10	0	0	0	19.4819	5.75003	0.55	51.8541	86.8652	0	0	0
3518	12	13.3043	30	10	0	0	0	21.1213	11.52	0.5915	60.0202	83.3015	0	0	0
3519	12	11.0618	30	10	0	0	0	22.9096	11.28	0.6315	56.2035	83.5926	0	0	0
3520	12	9.38	30	10	0	0	0	24.2508	11.1	0.6615	53.3409	83.811	0	0	0
3521	12	13.1243	30	10	0	0	0	22.4772	7.93	0.5825	54.4662	86.9836	0	0	0
3522	12	9.94302	30	10	0	0	0	25.3964	7.09571	0.611071	51.4798	87.2487	0	0	0
3523	12	7.55714	30	10	0	0	0	27.5858	6.47	0.6325	49.2401	87.4475	0	0	0
3524	12	13.38	30	10	0	0	0	19.8198	13.76	0.5825	56.7054	91.4833	0	0	0
3525	12	11.1612	30	10	0	0	0	19.7423	13.76	0.611071	55.7951	90.4385	0	0	0
3526	12	9.49714	30	10	0	0	0	19.6841	13.76	0.6325	55.1123	89.6549	0	0	0
3527	12	13.3814	30	10	0	0	0	22.4772	7.93	0.5825	54.4662	86.9836	0	0	0
3528	12	10.0533	30	10	0	0	0	25.3964	7.09571	0.611071	51.4798	87.2487	0	0	0
3529	12	11.0879	30	10	0	0	0	19.852	12.51	0.6315	53.1508	87.1366	0	0	0
3530	12	9.48143	30	10	0	0	0	19.7938	12.51	0.6615	54.3257	87.2487	0	0	0
3531	12	9.99205	30	10	0	0	0	25.3964	7.09571	0.611071	51.4798	87.2487	0	0	0
3532	12	7.64286	30	10	0	0	0	27.5858	6.47	0.6325	49.2401	87.4475	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3533	12	14.69	30	10	0	0	0	20.5647	11.12	0.5705	59.9492	91.2212	0	0	0
3534	12	12.478	30	10	0	0	0	20.5065	11.12	0.609071	58.5722	89.9447	0	0	0
3535	12	9.52857	30	10	0	0	0	20.4289	11.12	0.6605	56.7362	88.2428	0	0	0
3536	12	12.5416	30	10	0	0	0	20.524	11.12	0.5975	58.9853	90.3277	0	0	0
3537	12	10.8199	30	10	0	0	0	20.4696	11.12	0.6335	57.7001	89.1363	0	0	0
3538	12	13.8329	30	10	0	0	0	20.5647	11.12	0.5705	59.9492	91.2212	0	0	0
3539	12	12.1211	30	10	0	0	0	19.8608	11.18	0.5975	55.2282	88.2296	0	0	0
3540	12	9.51314	30	10	0	0	0	19.8065	11.18	0.6335	56.0302	88.3343	0	0	0
3541	12	7.55714	30	10	0	0	0	19.7658	11.18	0.6605	56.6317	88.4128	0	0	0
3542	12	14.0771	30	10	0	0	0	19.9015	11.18	0.5705	54.6267	88.1512	0	0	0
3543	12	12.7344	30	10	0	0	0	19.8608	11.18	0.5975	55.2282	88.2296	0	0	0
3544	12	10.9441	30	10	0	0	0	19.8065	11.18	0.6335	56.0302	88.3343	0	0	0
3545	12	9.60143	30	10	0	0	0	19.7658	11.18	0.6605	56.6317	88.4128	0	0	0
3546	12	14.0957	30	10	0	0	0	19.6455	11.2	0.5705	54.885	88.2112	0	0	0
3547	12	12.1775	30	10	0	0	0	19.5874	11.2	0.609071	55.6198	88.3233	0	0	0
3548	12	9.62	30	10	0	0	0	19.5097	11.2	0.6605	56.5996	88.4728	0	0	0
3549	12	6.99143	30	10	0	0	0	19.6519	5.53146	0.55	51.6427	86.8037	0	0	0
3550	12	14.1529	30	10	0	0	0	18.1904	11.31	0.5705	56.2371	88.5512	0	0	0
3551	12	12.8101	30	10	0	0	0	18.1497	11.31	0.5975	56.2852	88.6297	0	0	0
3552	12	11.0199	30	10	0	0	0	18.0954	11.31	0.6335	56.3494	88.7343	0	0	0
3553	12	9.67714	30	10	0	0	0	18.0547	11.31	0.6605	56.3975	88.8128	0	0	0
3554	12	13.08	30	10	0	0	0	19.3914	10.7852	0.6	63.9031	84.3743	0	0	0
3555	12	10.4706	30	10	0	0	0	19.5329	9.49496	0.6	58.6594	84.2501	0	0	0
3556	12	6.99143	30	10	0	0	0	19.7214	7.77478	0.6	51.6676	84.0843	0	0	0
3557	12	13.5757	30	10	0	0	0	20.5647	11.12	0.5705	59.9492	91.2212	0	0	0
3558	12	10.5937	30	10	0	0	0	20.4871	11.12	0.621929	58.1132	89.5193	0	0	0
3559	12	8.35714	30	10	0	0	0	20.4289	11.12	0.6605	56.7362	88.2428	0	0	0
3560	12	11.2631	30	10	0	0	0	20.4871	11.12	0.621929	58.1132	89.5193	0	0	0
3561	12	12.6901	30	10	0	0	0	18.1497	11.31	0.5975	56.2852	88.6297	0	0	0
3562	12	10.9684	30	10	0	0	0	18.0954	11.31	0.6335	56.3494	88.7343	0	0	0
3563	12	13.9814	30	10	0	0	0	18.1904	11.31	0.5705	56.2371	88.5512	0	0	0
3564	12	12.9229	30	10	0	0	0	19.1657	11.2066	0.6	64.296	84.8243	0	0	0
3565	12	10.3808	30	10	0	0	0	19.2863	9.65986	0.6	58.9022	84.7692	0	0	0
3566	12	6.99143	30	10	0	0	0	19.4471	7.59763	0.6	51.7105	84.6958	0	0	0
3567	12	14.9114	30	10	0	0	0	18.4238	11.29	0.5705	56.0224	88.4912	0	0	0
3568	12	12.6626	30	10	0	0	0	18.3656	11.29	0.609071	56.195	88.6033	0	0	0
3569	12	9.66429	30	10	0	0	0	18.288	11.29	0.6605	56.425	88.7528	0	0	0
3570	12	12.9616	30	10	0	0	0	20.524	11.12	0.5975	58.9853	90.3277	0	0	0
3571	12	10.9999	30	10	0	0	0	20.4696	11.12	0.6335	57.7001	89.1363	0	0	0
3572	12	14.4329	30	10	0	0	0	20.5647	11.12	0.5705	59.9492	91.2212	0	0	0
3573	12	14.9243	30	10	0	0	0	19.9831	11.17	0.5705	54.5588	88.1312	0	0	0
3574	12	12.6388	30	10	0	0	0	19.9249	11.17	0.609071	55.4557	88.2433	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3575	12	9.59143	30	10	0	0	0	19.8474	11.17	0.6605	56.6515	88.3928	0	0	0
3576	12	12.4041	30	10	0	0	0	19.8614	8.616	0.5975	53.2062	89.24	0	0	0
3577	12	9.63443	30	10	0	0	0	22.7681	8.184	0.6335	49.2941	88.5845	0	0	0
3578	12	7.55714	30	10	0	0	0	24.9481	7.86	0.6605	46.3601	88.0931	0	0	0
3579	12	14.4814	30	10	0	0	0	17.6813	8.94	0.5705	56.1402	89.7315	0	0	0
3580	12	13.7129	30	10	0	0	0	21.2179	10.43	0.5705	53.6227	88.4874	0	0	0
3581	12	11.9496	30	10	0	0	0	22.4632	9.46755	0.609071	51.7695	86.8615	0	0	0
3582	12	9.59992	30	10	0	0	0	23.7038	7.20722	0.6605	50.7281	84.4409	0	0	0
3583	12	13.3143	30	10	0	0	0	19.9593	12.51	0.5915	57.1466	88.5571	0	0	0
3584	12	11.1233	30	10	0	0	0	19.8817	12.51	0.6315	55.5335	87.8037	0	0	0
3585	12	9.48	30	10	0	0	0	19.8235	12.51	0.6615	54.3237	87.2387	0	0	0
3586	12	14.4386	30	10	0	0	0	19.6455	11.2	0.5705	54.885	88.2112	0	0	0
3587	12	11.5751	30	10	0	0	0	19.5874	11.2	0.609071	55.6198	88.3233	0	0	0
3588	12	7.75714	30	10	0	0	0	19.5097	11.2	0.6605	56.5996	88.4728	0	0	0
3589	12	13.49	30	10	0	0	0	20.5647	11.12	0.5705	59.9492	91.2212	0	0	0
3590	12	11.2263	30	10	0	0	0	20.4871	11.12	0.621929	58.1132	89.5193	0	0	0
3591	12	10.6386	30	10	0	0	0	20.4871	11.12	0.621929	58.1132	89.5193	0	0	0
3592	12	8.5	30	10	0	0	0	20.4289	11.12	0.6605	56.7362	88.2428	0	0	0
3593	12	14.73	30	10	0	0	0	18.9472	11.25	0.5705	55.5504	88.3812	0	0	0
3594	12	12.5547	30	10	0	0	0	18.889	11.25	0.609071	55.9566	88.4933	0	0	0
3595	12	9.65429	30	10	0	0	0	18.8115	11.25	0.6605	56.4981	88.6428	0	0	0
3596	12	13.3486	30	10	0	0	0	18.0724	12.66	0.5915	53.3267	87.417	0	0	0
3597	12	10.0392	30	10	0	0	0	19.0561	12.5743	0.6315	53.8976	87.3208	0	0	0
3598	12	7.55714	30	10	0	0	0	19.7938	12.51	0.6615	54.3257	87.2487	0	0	0
3599	12	12.7657	30	10	0	0	0	19.3086	10.7437	0.6	64.0074	84.4101	0	0	0
3600	12	10.2941	30	10	0	0	0	19.4408	9.54353	0.6	58.7202	84.2215	0	0	0
3601	12	6.99857	30	10	0	0	0	19.6171	7.94335	0.6	51.6705	83.9701	0	0	0
3602	12	14.2371	30	10	0	0	0	19.8198	13.76	0.5825	56.7054	91.4833	0	0	0
3603	12	12.2058	30	10	0	0	0	19.7617	13.76	0.603929	56.0227	90.6997	0	0	0
3604	12	13.2086	30	10	0	0	0	19.8198	13.76	0.5825	56.7054	91.4833	0	0	0
3605	12	13.3486	30	10	0	0	0	19.6566	12.54	0.5915	51.8597	87.0471	0	0	0
3606	12	11.1576	30	10	0	0	0	19.5789	12.54	0.6315	53.2455	87.1966	0	0	0
3607	12	9.51429	30	10	0	0	0	19.5207	12.54	0.6615	54.2847	87.3087	0	0	0
3608	12	14.3571	30	10	0	0	0	29.127	10.42	0.5825	47.0321	87.1055	0	0	0
3609	12	11.7857	30	10	0	0	0	29.0688	10.42	0.603929	48.0691	87.2176	0	0	0
3610	12	8.35714	30	10	0	0	0	28.9913	10.42	0.6325	49.4517	87.367	0	0	0
3611	12	12.8086	30	10	0	0	0	19.495	11.57	0.826	60.1227	93.0288	0	0	0
3612	12	11.3285	30	10	0	0	0	19.4496	11.57	0.852667	58.465	92.4094	0	0	0
3613	12	10.2185	30	10	0	0	0	19.4157	11.57	0.872667	57.2217	91.9447	0	0	0
3614	12	9.47857	30	10	0	0	0	19.3931	11.57	0.886	56.3929	91.635	0	0	0
3615	12	13.9186	30	10	0	0	0	19.5289	11.57	0.806	61.3659	93.4934	0	0	0
3616	12	13.3457	30	10	0	0	0	25.2288	13.79	0.5825	46.0554	89.4933	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3617	12	11.3516	30	10	0	0	0	25.2288	13.79	0.603929	45.8623	89.6055	0	0	0
3618	12	8.69286	30	10	0	0	0	25.2288	13.79	0.6325	45.6047	89.7549	0	0	0
3619	12	13.4029	30	10	0	0	0	17.7128	11.71	0.5915	59.184	90.9196	0	0	0
3620	12	10.5196	30	10	0	0	0	20.927	12.2871	0.6315	54.4718	88.0207	0	0	0
3621	12	8.35714	30	10	0	0	0	23.3377	12.72	0.6615	50.9377	85.8465	0	0	0
3622	12	13.3411	30	10	0	0	0	20.0156	12.9939	0.54	57.7947	92.8303	0	0	0
3623	12	10.6156	30	10	0	0	0	20.0847	11.5167	0.54	54.7198	92.7666	0	0	0
3624	12	6.98164	30	10	0	0	0	20.1769	9.54702	0.54	50.62	92.6817	0	0	0
3625	12	14.2029	30	10	0	0	0	19.4201	13.79	0.5825	52.7456	89.4933	0	0	0
3626	12	12.2088	30	10	0	0	0	19.3619	13.79	0.603929	53.7383	89.6055	0	0	0
3627	12	9.55	30	10	0	0	0	19.2844	13.79	0.6325	55.0618	89.7549	0	0	0
3628	12	12.8943	30	10	0	0	0	19.0314	10.988	0.6	63.8889	84.8815	0	0	0
3629	12	10.37	30	10	0	0	0	19.1643	9.6617	0.6	58.6573	84.8325	0	0	0
3630	12	7.00429	30	10	0	0	0	19.3414	7.89335	0.6	51.6819	84.7672	0	0	0
3631	12	10.0392	30	10	0	0	0	19.5789	12.54	0.6315	53.2455	87.1966	0	0	0
3632	12	7.55714	30	10	0	0	0	19.5207	12.54	0.6615	54.2847	87.3087	0	0	0
3633	12	14.6657	30	10	0	0	0	19.8198	13.76	0.5825	56.7054	91.4833	0	0	0
3634	12	12.4506	30	10	0	0	0	19.7617	13.76	0.603929	56.0227	90.6997	0	0	0
3635	12	15.0257	30	10	0	0	0	21.1247	9.02	0.5705	57.1783	89.3515	0	0	0
3636	12	12.7427	30	10	0	0	0	22.1085	8.87429	0.609071	55.7621	88.855	0	0	0
3637	12	9.69857	30	10	0	0	0	23.4203	8.68	0.6605	53.8739	88.1931	0	0	0
3638	12	13.4	30	10	0	0	0	19.9593	12.51	0.5915	57.1466	88.5571	0	0	0
3639	12	11.16	30	10	0	0	0	19.8817	12.51	0.6315	55.5335	87.8037	0	0	0
3640	12	13.1414	30	10	0	0	0	18.6217	13.93	0.5825	55.2389	89.0613	0	0	0
3641	12	8.35714	30	10	0	0	0	26.1061	13.86	0.6325	52.2095	87.2977	0	0	0
3642	12	13.4697	30	10	0	0	0	19.7613	13.0854	0.54	57.6275	92.636	0	0	0
3643	12	10.6811	30	10	0	0	0	19.9615	11.5641	0.54	54.6709	92.5534	0	0	0
3644	12	13.4886	30	10	0	0	0	17.7128	11.71	0.5915	59.184	90.9196	0	0	0
3645	12	10.5563	30	10	0	0	0	20.927	12.2871	0.6315	54.4718	88.0207	0	0	0
3646	12	12.4286	30	10	0	0	0	22.7596	9.48895	0.609071	54.8933	88.0761	0	0	0
3647	12	9.78367	30	10	0	0	0	21.8796	8.4	0.6605	59.3429	90.0175	0	0	0
3648	12	12.8266	30	10	0	0	0	19.4881	11.57	0.83	59.8741	92.9359	0	0	0
3649	12	10.9134	30	10	0	0	0	19.4339	11.57	0.862	57.8848	92.1925	0	0	0
3650	12	14.2614	30	10	0	0	0	19.5289	11.57	0.806	61.3659	93.4934	0	0	0
3651	12	12.3735	30	10	0	0	0	19.5874	11.2	0.609071	55.6198	88.3233	0	0	0
3652	12	15.0171	30	10	0	0	0	27.0465	13.51	0.6445	54.1625	90.6679	0	0	0
3653	12	12.6698	30	10	0	0	0	27.4328	13.4586	0.648786	54.5316	90.63	0	0	0
3654	12	9.54	30	10	0	0	0	27.9478	13.39	0.6545	55.0236	90.5795	0	0	0
3655	12	13.3983	30	10	0	0	0	20.0456	13.0425	0.54	57.4133	92.8917	0	0	0
3656	12	10.6477	30	10	0	0	0	20.1349	11.5659	0.54	54.4082	92.7632	0	0	0
3657	12	6.98021	30	10	0	0	0	20.254	9.59702	0.54	50.4014	92.5917	0	0	0
3658	12	14.4486	30	10	0	0	0	28.0836	13.39	0.6445	52.7665	90.318	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3659	12	12.3449	30	10	0	0	0	28.0254	13.39	0.648786	53.7338	90.43	0	0	0
3660	12	12.1628	30	10	0	0	0	27.4328	13.4586	0.648786	54.5316	90.63	0	0	0
3661	12	8.35714	30	10	0	0	0	27.9478	13.39	0.6545	55.0236	90.5795	0	0	0
3662	12	14.6286	30	10	0	0	0	17.5589	11.73	0.806	55.479	91.8334	0	0	0
3663	12	13.0844	30	10	0	0	0	18.0949	11.685	0.83	55.7513	91.7769	0	0	0
3664	12	11.0256	30	10	0	0	0	18.8097	11.625	0.862	56.1144	91.7015	0	0	0
3665	12	9.48143	30	10	0	0	0	19.3457	11.58	0.886	56.3866	91.645	0	0	0
3666	12	13.1357	30	10	0	0	0	19.9975	10.94	0.5915	57.067	91.8708	0	0	0
3667	12	11.5548	30	10	0	0	0	21.5798	10.0956	0.622611	57.0321	91.8628	0	0	0
3668	12	10.369	30	10	0	0	0	22.7665	9.46222	0.645944	57.0059	91.8567	0	0	0
3669	12	9.57857	30	10	0	0	0	23.5576	9.04	0.6615	56.9885	91.8527	0	0	0
3670	12	13.2286	30	10	0	0	0	19.9593	12.51	0.5915	57.1466	88.5571	0	0	0
3671	12	11.5626	30	10	0	0	0	19.899	12.51	0.622611	55.892	87.9711	0	0	0
3672	12	10.313	30	10	0	0	0	19.8537	12.51	0.645944	54.9509	87.5317	0	0	0
3673	12	12.8111	30	10	0	0	0	19.4659	11.58	0.826	54.3421	91.4488	0	0	0
3674	12	11.3306	30	10	0	0	0	19.4207	11.58	0.852667	55.2513	91.536	0	0	0
3675	12	10.2202	30	10	0	0	0	19.3867	11.58	0.872667	55.9331	91.6014	0	0	0
3676	12	9.48	30	10	0	0	0	19.3641	11.58	0.886	56.3877	91.645	0	0	0
3677	12	13.9214	30	10	0	0	0	19.4999	11.58	0.806	53.6603	91.3834	0	0	0
3678	12	13.2214	30	10	0	0	0	19.9975	10.94	0.5915	57.067	91.8708	0	0	0
3679	12	11.6024	30	10	0	0	0	21.5798	10.0956	0.622611	57.0321	91.8628	0	0	0
3680	12	10.3881	30	10	0	0	0	22.7665	9.46222	0.645944	57.0059	91.8567	0	0	0
3681	12	11.838	30	10	0	0	0	28.0254	13.39	0.648786	53.7338	90.43	0	0	0
3682	12	12.915	30	10	0	0	0	17.5415	11.7225	0.826	56.1065	91.8913	0	0	0
3683	12	11.3883	30	10	0	0	0	18.3515	11.6592	0.852667	56.2315	91.7819	0	0	0
3684	12	10.2433	30	10	0	0	0	18.9591	11.6117	0.872667	56.3252	91.6998	0	0	0
3685	12	14.06	30	10	0	0	0	16.9341	11.77	0.806	56.0127	91.9734	0	0	0
3686	12	12.2968	30	10	0	0	0	19.4659	11.58	0.826	54.3421	91.4488	0	0	0
3687	12	11.0449	30	10	0	0	0	19.4207	11.58	0.852667	55.2513	91.536	0	0	0
3688	12	10.106	30	10	0	0	0	19.3867	11.58	0.872667	55.9331	91.6014	0	0	0
3689	12	13.2357	30	10	0	0	0	19.4999	11.58	0.806	53.6603	91.3834	0	0	0
3690	12	12.1024	30	10	0	0	0	18.3656	11.29	0.609071	56.195	88.6033	0	0	0
3691	12	8.35714	30	10	0	0	0	18.288	11.29	0.6605	56.425	88.7528	0	0	0
3692	12	13.4697	30	10	0	0	0	19.9927	13.0025	0.54	57.9561	92.9132	0	0	0
3693	12	10.6903	30	10	0	0	0	20.1249	11.5669	0.54	54.8317	92.7815	0	0	0
3694	12	6.9845	30	10	0	0	0	20.3012	9.65274	0.54	50.6657	92.606	0	0	0
3695	12	12.0161	30	10	0	0	0	19.4659	11.58	0.826	54.3421	91.4488	0	0	0
3696	12	10.3899	30	10	0	0	0	19.4207	11.58	0.852667	55.2513	91.536	0	0	0
3697	12	9.17024	30	10	0	0	0	19.3867	11.58	0.872667	55.9331	91.6014	0	0	0
3698	12	8.35714	30	10	0	0	0	19.3641	11.58	0.886	56.3877	91.645	0	0	0
3699	12	14.9629	30	10	0	0	0	28.0836	13.39	0.6445	52.7665	90.318	0	0	0
3700	12	12.6388	30	10	0	0	0	28.0254	13.39	0.648786	53.7338	90.43	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3701	12	11.2113	30	10	0	0	0	28.3371	13.35	0.648944	55.4383	91.3186	0	0	0
3702	12	10.175	30	10	0	0	0	28.2918	13.35	0.652278	55.2273	90.8092	0	0	0
3703	12	12.5929	30	10	0	0	0	28.3974	13.35	0.6445	55.7195	91.998	0	0	0
3704	12	14.1857	30	10	0	0	0	17.3638	10.06	0.5825	53.8859	93.0171	0	0	0
3705	12	11.3957	30	10	0	0	0	17.9568	11.0757	0.603929	50.4621	92.2324	0	0	0
3706	12	7.67571	30	10	0	0	0	18.7474	12.43	0.6325	45.897	91.1862	0	0	0
3707	12	10.7714	30	10	0	0	0	27.5866	13.4389	0.648944	54.5732	90.5797	0	0	0
3708	12	9.32286	30	10	0	0	0	27.9916	13.3856	0.652278	54.8812	90.5136	0	0	0
3709	12	8.35714	30	10	0	0	0	28.2617	13.35	0.6545	55.0866	90.4695	0	0	0
3710	12	12.7029	30	10	0	0	0	27.0465	13.51	0.6445	54.1625	90.6679	0	0	0
3711	12	13.7229	30	10	0	0	0	23.1575	13.76	0.5825	56.2321	91.3258	0	0	0
3712	12	11.4233	30	10	0	0	0	23.0993	13.76	0.603929	55.5493	90.5422	0	0	0
3713	12	8.35714	30	10	0	0	0	23.0217	13.76	0.6325	54.639	89.4974	0	0	0
3714	12	11.2724	30	10	0	0	0	27.5866	13.4389	0.648944	54.5732	90.5797	0	0	0
3715	12	10.1995	30	10	0	0	0	27.9916	13.3856	0.652278	54.8812	90.5136	0	0	0
3716	12	14.3571	30	10	0	0	0	23.1575	13.76	0.5825	56.2321	91.3258	0	0	0
3717	12	12.2058	30	10	0	0	0	23.0993	13.76	0.603929	55.5493	90.5422	0	0	0
3718	12	9.6	30	10	0	0	0	23.0217	13.76	0.6325	54.639	89.4974	0	0	0
3719	12	14.3229	30	10	0	0	0	19.8198	13.76	0.5825	56.7054	91.4833	0	0	0
3720	12	12.2547	30	10	0	0	0	19.7617	13.76	0.603929	56.0227	90.6997	0	0	0
3721	12	13.3983	30	10	0	0	0	19.8327	13.1225	0.54	57.8561	92.9417	0	0	0
3722	12	10.6489	30	10	0	0	0	20.0947	11.5559	0.54	54.9276	92.8236	0	0	0
3723	12	6.98307	30	10	0	0	0	20.444	9.46702	0.54	51.0229	92.666	0	0	0
3724	12	9.90937	30	10	0	0	0	28.1666	13.37	0.648944	53.6606	90.3842	0	0	0
3725	12	9.67317	30	10	0	0	0	28.1213	13.37	0.652278	54.4945	90.4714	0	0	0
3726	12	9.51571	30	10	0	0	0	28.0912	13.37	0.6545	55.0506	90.5295	0	0	0
3727	12	10.2243	30	10	0	0	0	28.2269	13.37	0.6445	52.5487	90.268	0	0	0
3728	12	13.0557	30	10	0	0	0	18.6217	13.93	0.5825	55.2389	89.0613	0	0	0
3729	12	9.38571	30	10	0	0	0	26.1061	13.86	0.6325	52.2095	87.2977	0	0	0
3730	12	12.4007	30	10	0	0	0	17.5415	11.7225	0.826	56.1065	91.8913	0	0	0
3731	12	11.1026	30	10	0	0	0	18.3515	11.6592	0.852667	56.2315	91.7819	0	0	0
3732	12	10.129	30	10	0	0	0	18.9591	11.6117	0.872667	56.3252	91.6998	0	0	0
3733	12	13.3743	30	10	0	0	0	16.9341	11.77	0.806	56.0127	91.9734	0	0	0
3734	12	9.92555	30	10	0	0	0	28.3371	13.35	0.648944	55.4383	91.3186	0	0	0
3735	12	9.66079	30	10	0	0	0	28.2918	13.35	0.652278	55.2273	90.8092	0	0	0
3736	12	10.2786	30	10	0	0	0	28.3974	13.35	0.6445	55.7195	91.998	0	0	0
3737	12	9.36559	20.4444	10	0	0	0	19.2801	7.979	0.55	53.1134	87.4464	0	0	0
3738	12	7.92052	15.7778	10	0	0	0	19.4929	6.16076	0.55	51.3909	87.2288	0	0	0
3739	12	6.95714	12.6667	10	0	0	0	19.6348	4.94861	0.55	50.2427	87.0837	0	0	0
3740	12	11.2923	26.6667	10	0	0	0	18.9963	10.4033	0.55	55.41	87.7366	0	0	0
3741	12	9.93318	30	10	0	0	0	27.7656	13.42	0.648944	54.2177	90.5231	0	0	0
3742	12	9.6827	30	10	0	0	0	27.9609	13.39	0.652278	54.7174	90.527	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3743	12	10.2671	30	10	0	0	0	27.5051	13.46	0.6445	53.5514	90.5179	0	0	0
3744	12	13.4697	30	10	0	0	0	19.8684	12.9668	0.54	57.6275	92.7346	0	0	0
3745	12	10.6903	30	10	0	0	0	20.1929	11.5043	0.54	54.8092	92.603	0	0	0
3746	12	6.9845	30	10	0	0	0	20.6255	9.55417	0.54	51.0514	92.4275	0	0	0
3747	12	13.3411	30	10	0	0	0	19.9141	12.9839	0.54	58.0061	93.056	0	0	0
3748	12	10.6089	30	10	0	0	0	20.1241	11.4498	0.54	54.8909	92.8999	0	0	0
3749	12	6.96593	30	10	0	0	0	20.404	9.40417	0.54	50.7371	92.6917	0	0	0
3750	12	13.0983	30	10	0	0	0	19.9456	13.0868	0.54	57.699	92.8632	0	0	0
3751	12	10.4775	30	10	0	0	0	20.1562	11.4822	0.54	54.7153	92.7928	0	0	0
3752	12	6.98307	30	10	0	0	0	20.4369	9.34274	0.54	50.7371	92.6989	0	0	0
3753	12	10.4773	30	10	0	0	0	22.9096	11.28	0.6315	56.2035	83.5926	0	0	0
3754	12	13.4697	30	10	0	0	0	19.9084	13.0211	0.54	57.9418	92.8775	0	0	0
3755	12	10.6934	30	10	0	0	0	20.1496	11.5843	0.54	55.0562	92.7887	0	0	0
3756	12	6.99164	30	10	0	0	0	20.4712	9.66845	0.54	51.2086	92.6703	0	0	0
3757	12	13.0983	30	10	0	0	0	19.8441	13.1025	0.54	57.8104	92.8817	0	0	0
3758	12	10.4756	30	10	0	0	0	20.037	11.5475	0.54	54.6994	92.8095	0	0	0
3759	12	6.97878	30	10	0	0	0	20.294	9.47417	0.54	50.5514	92.7132	0	0	0
3760	12	13.4697	30	10	0	0	0	19.7541	13.2182	0.54	57.7561	92.7203	0	0	0
3761	12	10.6811	30	10	0	0	0	19.9323	11.5181	0.54	54.7572	92.6652	0	0	0
3762	12	6.96307	30	10	0	0	0	20.1697	9.25131	0.54	50.7586	92.5917	0	0	0
3763	12	13.4697	30	10	0	0	0	20.0184	12.7211	0.54	58.0561	93.0917	0	0	0
3764	12	10.6848	30	10	0	0	0	20.1696	11.3326	0.54	55.0388	92.9785	0	0	0
3765	12	6.97164	30	10	0	0	0	20.3712	9.48131	0.54	51.0157	92.8275	0	0	0
3766	12	13.4697	30	10	0	0	0	20.0341	13.2268	0.54	57.849	92.4275	0	0	0
3767	12	10.6664	30	10	0	0	0	20.2129	11.5708	0.54	54.5562	92.2989	0	0	0
3768	12	9.67492	30	10	0	0	0	21.9963	7.11111	0.648944	50.1914	85.1733	0	0	0
3769	12	9.60254	30	10	0	0	0	24.2121	7.52444	0.652278	50.6539	84.3271	0	0	0
3770	12	9.55429	30	10	0	0	0	25.6892	7.8	0.6545	50.9622	83.7631	0	0	0
3771	12	9.77143	30	10	0	0	0	19.042	6.56	0.6445	49.5746	86.3015	0	0	0
3772	12	14.3629	30	10	0	0	0	28.0836	13.39	0.6445	52.7665	90.318	0	0	0
3773	12	12.2959	30	10	0	0	0	28.0254	13.39	0.648786	53.7338	90.43	0	0	0
3774	12	15.0386	30	10	0	0	0	19.6455	11.2	0.5705	54.885	88.2112	0	0	0
3775	12	12.7163	30	10	0	0	0	19.5874	11.2	0.609071	55.6198	88.3233	0	0	0
3776	12	9.36559	30	10	0	0	0	19.2801	7.979	0.55	53.1134	87.4464	0	0	0
3777	12	7.92052	30	10	0	0	0	19.4929	6.16076	0.55	51.3909	87.2288	0	0	0
3778	12	6.95714	30	10	0	0	0	19.6348	4.94861	0.55	50.2427	87.0837	0	0	0
3779	12	11.2923	30	10	0	0	0	18.9963	10.4033	0.55	55.41	87.7366	0	0	0
3780	12	14.5886	30	10	0	0	0	27.0465	13.51	0.6445	54.1625	90.6679	0	0	0
3781	12	12.401	30	10	0	0	0	27.5673	13.4414	0.648786	54.5586	90.5829	0	0	0
3782	12	14.4786	30	10	0	0	0	28.3974	13.35	0.6445	55.7195	91.998	0	0	0
3783	12	12.3382	30	10	0	0	0	28.3392	13.35	0.648786	55.4483	91.3429	0	0	0
3784	12	14.6571	30	10	0	0	0	26.0283	8.21	0.6445	51.7556	90.3515	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3785	12	11.9829	30	10	0	0	0	25.9701	8.21	0.648786	52.6871	90.4636	0	0	0
3786	12	8.41714	30	10	0	0	0	25.8925	8.21	0.6545	53.9292	90.6131	0	0	0
3787	12	6.98858	21.5556	10	0	0	0	19.8847	9.12486	0.54	51.11	93.8987	0	0	0
3788	12	14.7	22.4484	10	0	0	0	16.5878	7.58	0.5705	58.557	91.9217	0	0	0
3789	12	12.5571	22.8256	10	0	0	0	17.4072	7.92714	0.609071	58.0347	92.0611	0	0	0
3790	12	9.7	23.3286	10	0	0	0	18.4996	8.39	0.6605	57.3381	92.2469	0	0	0
3791	12	13.075	27.6251	10	0	0	0	18.0357	9.165	0.826	58.4802	93.4355	0	0	0
3792	12	11.0417	27.1252	10	0	0	0	19.3026	9.945	0.852667	55.9531	93.3339	0	0	0
3793	12	9.51667	26.7503	10	0	0	0	20.2528	10.53	0.872667	54.0577	93.2577	0	0	0
3794	12	8.5	26.5003	10	0	0	0	20.8863	10.92	0.886	52.7942	93.2069	0	0	0
3795	12	14.6	28	10	0	0	0	17.0855	8.58	0.806	60.3755	93.5117	0	0	0
3796	12	13.4813	24.2808	10	0	0	0	19.8815	13.5396	0.54	57.9488	93.8987	0	0	0
3797	12	10.6987	23.1129	10	0	0	0	19.8829	11.6476	0.54	55.0179	93.8987	0	0	0
3798	12	6.98858	21.5556	10	0	0	0	19.8847	9.12486	0.54	51.11	93.8987	0	0	0
3799	12	14.5	28	10	0	0	0	27.437	13.35	0.6445	56.8278	93.026	0	0	0
3800	12	12.4429	27.3573	10	0	0	0	27.3691	13.35	0.648786	56.7542	92.3896	0	0	0
3801	12	9.7	26.5003	10	0	0	0	27.2786	13.35	0.6545	56.656	91.5411	0	0	0
3802	12	14.4	25.7066	10	0	0	0	15.1868	10.935	0.5825	59.7865	89.917	0	0	0
3803	12	12.3857	24.366	10	0	0	0	17.7868	10.7979	0.603929	56.9346	88.895	0	0	0
3804	12	9.7	22.5787	10	0	0	0	21.2535	10.615	0.6325	53.132	87.5323	0	0	0
3805	12	13.4813	24.2808	10	0	0	0	19.8815	13.5396	0.54	57.9488	93.8987	0	0	0
3806	12	10.6987	23.1129	10	0	0	0	19.8829	11.6476	0.54	55.0179	93.8987	0	0	0
3807	12	15.1	22.4484	10	0	0	0	22.2746	10.1043	0.5705	53.284	87.9635	0	0	0
3808	12	12.2714	22.8256	10	0	0	0	21.711	9.37389	0.609071	56.4552	89.3022	0	0	0
3809	12	8.5	23.3286	10	0	0	0	20.9595	8.4	0.6605	60.6834	91.0871	0	0	0
3810	12	12.5	28	10	0	0	0	26.3991	13.51	0.6445	54.4582	91.716	0	0	0
3811	12	9.7	26.5003	10	0	0	0	26.2407	13.51	0.6545	55.1016	92.0211	0	0	0
3812	12	15.7	28	10	0	0	0	28.8432	0.92	0.6445	58.1352	94.8717	0	0	0
3813	12	13.5	26.5003	10	0	0	0	31.7448	1.28	0.6545	57.6633	91.8969	0	0	0
3814	12	11.4308	9.79818	10	0	0	0	21.3128	5.7	0.62	59.8351	86.1787	0	0	0
3815	12	8.77297	8.65889	10	0	0	0	21.2643	5.7	0.62	56.8038	86.1786	0	0	0
3816	12	6.7796	7.80442	10	0	0	0	21.2279	5.7	0.62	54.5304	86.1786	0	0	0
3817	12	11.0889	27.3335	10	0	0	0	27.3666	13.35	0.648944	56.7515	92.366	0	0	0
3818	12	10.2556	26.8336	10	0	0	0	27.3138	13.35	0.652278	56.6942	91.8711	0	0	0
3819	12	12.2	28	10	0	0	0	27.437	13.35	0.6445	56.8278	93.026	0	0	0
3820	12	11.1487	23.4846	10	0	0	0	20	10.7096	0.6	61.1946	84.2534	0	0	0
3821	12	8.77801	22.8285	10	0	0	0	20	9.32538	0.6	56.2713	84.2534	0	0	0
3822	12	7	22.3364	10	0	0	0	20	8.28724	0.6	52.5789	84.2534	0	0	0
3823	12	12.9267	23.9767	10	0	0	0	20	11.7477	0.6	64.887	84.2534	0	0	0
3824	12	13.4	25.13	10	0	0	0	19.0129	12.51	0.5915	52.6469	88.0033	0	0	0
3825	12	10.6	23.8633	10	0	0	0	18.9223	12.51	0.6315	54.4743	88.1777	0	0	0
3826	12	8.5	22.9132	10	0	0	0	18.8544	12.51	0.6615	55.845	88.3085	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3827	12	13.3	25.13	10	0	0	0	20.1532	11.52	0.5915	61.1352	84.3317	0	0	0
3828	12	10.5571	23.8633	10	0	0	0	21.9357	11.28	0.6315	57.5757	84.6457	0	0	0
3829	12	8.5	22.9132	10	0	0	0	23.2726	11.1	0.6615	54.906	84.8812	0	0	0
3830	12	11.6744	22.7052	10	0	0	0	19.604	11.6555	0.55	56.065	87.4177	0	0	0
3831	12	9.00331	19.3896	10	0	0	0	19.4382	7.5324	0.55	53.6734	87.4177	0	0	0
3832	12	7	16.9029	10	0	0	0	19.3139	4.44004	0.55	51.8798	87.4177	0	0	0
3833	12	13.4	25.13	10	0	0	0	20.1532	11.52	0.5915	61.1352	84.3317	0	0	0
3834	12	11.2857	23.8633	10	0	0	0	21.9357	11.28	0.6315	57.5757	84.6457	0	0	0
3835	12	9.7	22.9132	10	0	0	0	23.2726	11.1	0.6615	54.906	84.8812	0	0	0
3836	12	13.2	25.7066	10	0	0	0	21.5534	7.93	0.5825	55.5422	88.0009	0	0	0
3837	12	10.0571	23.9192	10	0	0	0	24.4686	7.09571	0.611071	52.8114	88.2882	0	0	0
3838	12	7.7	22.5787	10	0	0	0	26.6551	6.47	0.6325	50.7634	88.5038	0	0	0
3839	12	13.5	25.7066	10	0	0	0	18.8848	13.76	0.5825	57.7913	92.5039	0	0	0
3840	12	11.3286	23.9192	10	0	0	0	18.7943	13.76	0.611071	57.1445	91.484	0	0	0
3841	12	9.7	22.5787	10	0	0	0	18.7264	13.76	0.6325	56.6594	90.719	0	0	0
3842	12	13.5	25.7066	10	0	0	0	21.5534	7.93	0.5825	55.5422	88.0009	0	0	0
3843	12	10.1857	23.9192	10	0	0	0	24.4686	7.09571	0.611071	52.8114	88.2882	0	0	0
3844	12	11.2857	23.8633	10	0	0	0	18.9223	12.51	0.6315	54.4743	88.1777	0	0	0
3845	12	9.7	22.9132	10	0	0	0	18.8544	12.51	0.6615	55.845	88.3085	0	0	0
3846	12	10.1143	23.9192	10	0	0	0	24.4686	7.09571	0.611071	52.8114	88.2882	0	0	0
3847	12	7.8	22.5787	10	0	0	0	26.6551	6.47	0.6325	50.7634	88.5038	0	0	0
3848	12	14.8	22.4484	10	0	0	0	19.6138	11.12	0.5705	61.0491	92.2464	0	0	0
3849	12	12.6143	22.8256	10	0	0	0	19.5459	11.12	0.609071	59.8697	90.9886	0	0	0
3850	12	9.7	23.3286	10	0	0	0	19.4554	11.12	0.6605	58.2972	89.3116	0	0	0
3851	12	12.57	22.7124	10	0	0	0	19.5663	11.12	0.5975	60.2235	91.366	0	0	0
3852	12	10.93	23.0645	10	0	0	0	19.5029	11.12	0.6335	59.1228	90.192	0	0	0
3853	12	13.8	22.4484	10	0	0	0	19.6138	11.12	0.5705	61.0491	92.2464	0	0	0
3854	12	12.11	22.7124	10	0	0	0	19.0043	11.18	0.5975	56.1212	89.2679	0	0	0
3855	12	9.59	23.0645	10	0	0	0	18.9409	11.18	0.6335	57.0569	89.39	0	0	0
3856	12	7.7	23.3286	10	0	0	0	18.8934	11.18	0.6605	57.7586	89.4816	0	0	0
3857	12	14	22.4484	10	0	0	0	19.0518	11.18	0.5705	55.4195	89.1764	0	0	0
3858	12	12.71	22.7124	10	0	0	0	19.0043	11.18	0.5975	56.1212	89.2679	0	0	0
3859	12	10.99	23.0645	10	0	0	0	18.9409	11.18	0.6335	57.0569	89.39	0	0	0
3860	12	9.7	23.3286	10	0	0	0	18.8934	11.18	0.6605	57.7586	89.4816	0	0	0
3861	12	14	22.4484	10	0	0	0	18.8331	11.2	0.5705	55.5608	89.2364	0	0	0
3862	12	12.1571	22.8256	10	0	0	0	18.7653	11.2	0.609071	56.4181	89.3672	0	0	0
3863	12	9.7	23.3286	10	0	0	0	18.6747	11.2	0.6605	57.5612	89.5416	0	0	0
3864	12	14	22.4484	10	0	0	0	17.5655	11.31	0.5705	56.2866	89.5764	0	0	0
3865	12	12.71	22.7124	10	0	0	0	17.518	11.31	0.5975	56.3427	89.668	0	0	0
3866	12	10.99	23.0645	10	0	0	0	17.4546	11.31	0.6335	56.4176	89.79	0	0	0
3867	12	9.7	23.3286	10	0	0	0	17.4071	11.31	0.6605	56.4738	89.8816	0	0	0
3868	12	10.3867	23.2737	10	0	0	0	20	10.2646	0.6	59.6121	84.2534	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3869	12	13.5	22.4484	10	0	0	0	19.6138	11.12	0.5705	61.0491	92.2464	0	0	0
3870	12	10.6429	22.9514	10	0	0	0	19.5233	11.12	0.621929	59.4766	90.5694	0	0	0
3871	12	8.5	23.3286	10	0	0	0	19.4554	11.12	0.6605	58.2972	89.3116	0	0	0
3872	12	11.3286	22.9514	10	0	0	0	19.5233	11.12	0.621929	59.4766	90.5694	0	0	0
3873	12	12.57	22.7124	10	0	0	0	17.518	11.31	0.5975	56.3427	89.668	0	0	0
3874	12	10.93	23.0645	10	0	0	0	17.4546	11.31	0.6335	56.4176	89.79	0	0	0
3875	12	13.8	22.4484	10	0	0	0	17.5655	11.31	0.5705	56.2866	89.5764	0	0	0
3876	12	14.9	22.4484	10	0	0	0	17.7711	11.29	0.5705	56.1695	89.5164	0	0	0
3877	12	12.6714	22.8256	10	0	0	0	17.7032	11.29	0.609071	56.3708	89.6472	0	0	0
3878	12	9.7	23.3286	10	0	0	0	17.6127	11.29	0.6605	56.6392	89.8216	0	0	0
3879	12	13.06	22.7124	10	0	0	0	19.5663	11.12	0.5975	60.2235	91.366	0	0	0
3880	12	11.14	23.0645	10	0	0	0	19.5029	11.12	0.6335	59.1228	90.192	0	0	0
3881	12	14.5	22.4484	10	0	0	0	19.6138	11.12	0.5705	61.0491	92.2464	0	0	0
3882	12	15	22.4484	10	0	0	0	19.122	11.17	0.5705	55.3869	89.1564	0	0	0
3883	12	12.7286	22.8256	10	0	0	0	19.0541	11.17	0.609071	56.4333	89.2872	0	0	0
3884	12	9.7	23.3286	10	0	0	0	18.9636	11.17	0.6605	57.8284	89.4616	0	0	0
3885	12	12.46	22.7124	10	0	0	0	18.8961	8.616	0.5975	54.4252	90.2833	0	0	0
3886	12	9.74	23.0645	10	0	0	0	21.8066	8.184	0.6335	50.6518	89.6453	0	0	0
3887	12	7.7	23.3286	10	0	0	0	23.9895	7.86	0.6605	47.8218	89.1669	0	0	0
3888	12	14.5	22.4484	10	0	0	0	16.7132	8.94	0.5705	57.2552	90.7617	0	0	0
3889	12	14.5	22.4484	10	0	0	0	20.4601	10.43	0.5705	54.1657	89.5128	0	0	0
3890	12	12.4429	22.8256	10	0	0	0	21.5379	9.04881	0.609071	52.9536	87.7993	0	0	0
3891	12	9.7	23.3286	10	0	0	0	22.9751	7.20722	0.6605	51.3376	85.5147	0	0	0
3892	12	13.5	25.13	10	0	0	0	19.0392	12.51	0.5915	58.2194	89.5733	0	0	0
3893	12	11.3286	23.8633	10	0	0	0	18.9487	12.51	0.6315	56.8698	88.8448	0	0	0
3894	12	9.7	22.9132	10	0	0	0	18.8808	12.51	0.6615	55.8576	88.2985	0	0	0
3895	12	14.4	22.4484	10	0	0	0	18.8331	11.2	0.5705	55.5608	89.2364	0	0	0
3896	12	11.6143	22.8256	10	0	0	0	18.7653	11.2	0.609071	56.4181	89.3672	0	0	0
3897	12	7.9	23.3286	10	0	0	0	18.6747	11.2	0.6605	57.5612	89.5416	0	0	0
3898	12	13.4	22.4484	10	0	0	0	19.6138	11.12	0.5705	61.0491	92.2464	0	0	0
3899	12	11.2857	22.9514	10	0	0	0	19.5233	11.12	0.621929	59.4766	90.5694	0	0	0
3900	12	10.6	22.9514	10	0	0	0	19.5233	11.12	0.621929	59.4766	90.5694	0	0	0
3901	12	14.7	22.4484	10	0	0	0	18.2301	11.25	0.5705	55.9171	89.4064	0	0	0
3902	12	12.5571	22.8256	10	0	0	0	18.1622	11.25	0.609071	56.391	89.5372	0	0	0
3903	12	9.7	23.3286	10	0	0	0	18.0717	11.25	0.6605	57.0228	89.7116	0	0	0
3904	12	13.4	25.13	10	0	0	0	17.4028	12.66	0.5915	53.5795	88.4332	0	0	0
3905	12	10.1429	23.8633	10	0	0	0	18.2323	12.5743	0.6315	54.8741	88.3619	0	0	0
3906	12	7.7	22.9132	10	0	0	0	18.8544	12.51	0.6615	55.845	88.3085	0	0	0
3907	12	14.5	25.7066	10	0	0	0	18.8848	13.76	0.5825	57.7913	92.5039	0	0	0
3908	12	12.4429	24.366	10	0	0	0	18.817	13.76	0.603929	57.3062	91.7389	0	0	0
3909	12	13.3	25.7066	10	0	0	0	18.8848	13.76	0.5825	57.7913	92.5039	0	0	0
3910	12	13.5	25.13	10	0	0	0	18.781	12.54	0.5915	52.7947	88.0633	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3911	12	11.3286	23.8633	10	0	0	0	18.6904	12.54	0.6315	54.4114	88.2377	0	0	0
3912	12	9.7	22.9132	10	0	0	0	18.6225	12.54	0.6615	55.6238	88.3685	0	0	0
3913	12	14.5	25.7066	10	0	0	0	28.2532	10.42	0.5825	47.9791	88.1264	0	0	0
3914	12	11.9286	24.366	10	0	0	0	28.1853	10.42	0.603929	49.1889	88.2572	0	0	0
3915	12	8.5	22.5787	10	0	0	0	28.0948	10.42	0.6325	50.802	88.4315	0	0	0
3916	12	13	27.6251	10	0	0	0	18.5258	11.57	0.826	61.349	94.0686	0	0	0
3917	12	11.5333	27.1252	10	0	0	0	18.4729	11.57	0.852667	59.845	93.4637	0	0	0
3918	12	10.4333	26.7503	10	0	0	0	18.4333	11.57	0.872667	58.717	93.0099	0	0	0
3919	12	9.7	26.5003	10	0	0	0	18.4069	11.57	0.886	57.9651	92.7075	0	0	0
3920	12	14.1	28	10	0	0	0	18.5654	11.57	0.806	62.4769	94.5223	0	0	0
3921	12	13.5	25.13	10	0	0	0	16.7799	11.71	0.5915	60.268	91.9395	0	0	0
3922	12	10.6429	23.8633	10	0	0	0	19.9632	12.2871	0.6315	55.8352	89.0708	0	0	0
3923	12	8.5	22.9132	10	0	0	0	22.3506	12.72	0.6615	52.5107	86.9193	0	0	0
3924	12	14.4	25.7066	10	0	0	0	18.5435	13.79	0.5825	53.6499	90.5139	0	0	0
3925	12	12.3857	24.366	10	0	0	0	18.4756	13.79	0.603929	54.808	90.6447	0	0	0
3926	12	9.7	22.5787	10	0	0	0	18.3851	13.79	0.6325	56.3521	90.819	0	0	0
3927	12	10.1857	23.8633	10	0	0	0	18.6904	12.54	0.6315	54.4114	88.2377	0	0	0
3928	12	7.7	22.9132	10	0	0	0	18.6225	12.54	0.6615	55.6238	88.3685	0	0	0
3929	12	15	25.7066	10	0	0	0	18.8848	13.76	0.5825	57.7913	92.5039	0	0	0
3930	12	12.7286	24.366	10	0	0	0	18.817	13.76	0.603929	57.3062	91.7389	0	0	0
3931	12	15	22.4484	10	0	0	0	20.4121	9.02	0.5705	57.5597	90.3817	0	0	0
3932	12	12.7286	22.8256	10	0	0	0	21.4121	8.87429	0.609071	56.1525	89.9039	0	0	0
3933	12	9.7	23.3286	10	0	0	0	22.7453	8.68	0.6605	54.2762	89.2669	0	0	0
3934	12	13.6	25.13	10	0	0	0	19.0392	12.51	0.5915	58.2194	89.5733	0	0	0
3935	12	11.3714	23.8633	10	0	0	0	18.9487	12.51	0.6315	56.8698	88.8448	0	0	0
3936	12	13.3	25.7066	10	0	0	0	17.722	13.93	0.5825	56.2937	90.0715	0	0	0
3937	12	8.5	22.5787	10	0	0	0	25.3004	13.86	0.6325	53.6227	88.3173	0	0	0
3938	12	13.6	25.13	10	0	0	0	16.7799	11.71	0.5915	60.268	91.9395	0	0	0
3939	12	10.6857	23.8633	10	0	0	0	19.9632	12.2871	0.6315	55.8352	89.0708	0	0	0
3940	12	12.7857	22.8256	10	0	0	0	21.711	9.37389	0.609071	56.4552	89.3022	0	0	0
3941	12	9.7	23.3286	10	0	0	0	20.9595	8.4	0.6605	60.6834	91.0871	0	0	0
3942	12	13.06	27.5501	10	0	0	0	18.5178	11.57	0.83	61.1234	93.9779	0	0	0
3943	12	11.14	26.9502	10	0	0	0	18.4545	11.57	0.862	59.3186	93.2519	0	0	0
3944	12	14.5	28	10	0	0	0	18.5654	11.57	0.806	62.4769	94.5223	0	0	0
3945	12	12.3857	22.8256	10	0	0	0	18.7653	11.2	0.609071	56.4181	89.3672	0	0	0
3946	12	15.3	28	10	0	0	0	26.4493	13.51	0.6445	54.4163	91.6959	0	0	0
3947	12	12.9	27.3573	10	0	0	0	26.7085	13.4586	0.648786	55.2247	91.6767	0	0	0
3948	12	9.7	26.5003	10	0	0	0	27.0541	13.39	0.6545	56.3025	91.6511	0	0	0
3949	12	14.7	28	10	0	0	0	27.2125	13.39	0.6445	53.6693	91.346	0	0	0
3950	12	12.5571	27.3573	10	0	0	0	27.1446	13.39	0.648786	54.7978	91.4767	0	0	0
3951	12	12.3857	27.3573	10	0	0	0	26.7085	13.4586	0.648786	55.2247	91.6767	0	0	0
3952	12	8.5	26.5003	10	0	0	0	27.0541	13.39	0.6545	56.3025	91.6511	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3953	12	14.8	28	10	0	0	0	16.8537	11.73	0.806	55.7355	92.8623	0	0	0
3954	12	13.27	27.5501	10	0	0	0	17.3076	11.685	0.83	56.3932	92.8189	0	0	0
3955	12	11.23	26.9502	10	0	0	0	17.9128	11.625	0.862	57.2701	92.7609	0	0	0
3956	12	9.7	26.5003	10	0	0	0	18.3667	11.58	0.886	57.9277	92.7175	0	0	0
3957	12	13.3	25.13	10	0	0	0	19.3388	10.94	0.5915	57.2582	92.9009	0	0	0
3958	12	11.7	24.1448	10	0	0	0	20.8314	10.0956	0.622611	57.6234	92.9123	0	0	0
3959	12	10.5	23.4058	10	0	0	0	21.9509	9.46222	0.645944	57.8973	92.9208	0	0	0
3960	12	9.7	22.9132	10	0	0	0	22.6972	9.04	0.6615	58.0799	92.9265	0	0	0
3961	12	13.4	25.13	10	0	0	0	19.0392	12.51	0.5915	58.2194	89.5733	0	0	0
3962	12	11.7556	24.1448	10	0	0	0	18.9688	12.51	0.622611	57.1697	89.0067	0	0	0
3963	12	10.5222	23.4058	10	0	0	0	18.916	12.51	0.645944	56.3824	88.5818	0	0	0
3964	12	13	27.6251	10	0	0	0	18.5019	11.58	0.826	55.5508	92.4886	0	0	0
3965	12	11.5333	27.1252	10	0	0	0	18.4491	11.58	0.852667	56.6115	92.5903	0	0	0
3966	12	10.4333	26.7503	10	0	0	0	18.4095	11.58	0.872667	57.407	92.6666	0	0	0
3967	12	9.7	26.5003	10	0	0	0	18.3831	11.58	0.886	57.9373	92.7175	0	0	0
3968	12	14.1	28	10	0	0	0	18.5415	11.58	0.806	54.7553	92.4123	0	0	0
3969	12	13.4	25.13	10	0	0	0	19.3388	10.94	0.5915	57.2582	92.9009	0	0	0
3970	12	11.7556	24.1448	10	0	0	0	20.8314	10.0956	0.622611	57.6234	92.9123	0	0	0
3971	12	10.5222	23.4058	10	0	0	0	21.9509	9.46222	0.645944	57.8973	92.9208	0	0	0
3972	12	12.0429	27.3573	10	0	0	0	27.1446	13.39	0.648786	54.7978	91.4767	0	0	0
3973	12	13	27.6251	10	0	0	0	16.818	11.7225	0.826	56.4992	92.9311	0	0	0
3974	12	11.5333	27.1252	10	0	0	0	17.5136	11.6592	0.852667	57.1384	92.8362	0	0	0
3975	12	10.4333	26.7503	10	0	0	0	18.0353	11.6117	0.872667	57.6177	92.765	0	0	0
3976	12	14.1	28	10	0	0	0	16.2964	11.77	0.806	56.0198	93.0023	0	0	0
3977	12	12.4	27.6251	10	0	0	0	18.5019	11.58	0.826	55.5508	92.4886	0	0	0
3978	12	11.2	27.1252	10	0	0	0	18.4491	11.58	0.852667	56.6115	92.5903	0	0	0
3979	12	10.3	26.7503	10	0	0	0	18.4095	11.58	0.872667	57.407	92.6666	0	0	0
3980	12	13.3	28	10	0	0	0	18.5415	11.58	0.806	54.7553	92.4123	0	0	0
3981	12	12.1571	22.8256	10	0	0	0	17.7032	11.29	0.609071	56.3708	89.6472	0	0	0
3982	12	8.5	23.3286	10	0	0	0	17.6127	11.29	0.6605	56.6392	89.8216	0	0	0
3983	12	12.1	27.6251	10	0	0	0	18.5019	11.58	0.826	55.5508	92.4886	0	0	0
3984	12	10.5	27.1252	10	0	0	0	18.4491	11.58	0.852667	56.6115	92.5903	0	0	0
3985	12	9.3	26.7503	10	0	0	0	18.4095	11.58	0.872667	57.407	92.6666	0	0	0
3986	12	8.5	26.5003	10	0	0	0	18.3831	11.58	0.886	57.9373	92.7175	0	0	0
3987	12	15.3	28	10	0	0	0	27.2125	13.39	0.6445	53.6693	91.346	0	0	0
3988	12	12.9	27.3573	10	0	0	0	27.1446	13.39	0.648786	54.7978	91.4767	0	0	0
3989	12	11.3111	27.3335	10	0	0	0	27.3666	13.35	0.648944	56.7515	92.366	0	0	0
3990	12	10.3444	26.8336	10	0	0	0	27.3138	13.35	0.652278	56.6942	91.8711	0	0	0
3991	12	12.6	28	10	0	0	0	27.437	13.35	0.6445	56.8278	93.026	0	0	0
3992	12	14.4	25.7066	10	0	0	0	16.7528	10.06	0.5825	53.8335	94.045	0	0	0
3993	12	11.5714	24.366	10	0	0	0	17.3417	11.0757	0.603929	50.4141	93.2795	0	0	0
3994	12	7.8	22.5787	10	0	0	0	18.127	12.43	0.6325	45.8548	92.2589	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
3995	12	10.7778	27.3335	10	0	0	0	26.8179	13.4389	0.648944	55.4117	91.6271	0	0	0
3996	12	9.41111	26.8336	10	0	0	0	27.0943	13.3856	0.652278	56.1583	91.5755	0	0	0
3997	12	8.5	26.5003	10	0	0	0	27.2786	13.35	0.6545	56.656	91.5411	0	0	0
3998	12	12.6	28	10	0	0	0	26.4493	13.51	0.6445	54.4163	91.6959	0	0	0
3999	12	13.9	25.7066	10	0	0	0	22.3121	13.76	0.5825	57.2391	92.3201	0	0	0
4000	12	11.5857	24.366	10	0	0	0	22.2442	13.76	0.603929	56.754	91.5552	0	0	0
4001	12	8.5	22.5787	10	0	0	0	22.1537	13.76	0.6325	56.1072	90.5353	0	0	0
4002	12	11.3111	27.3335	10	0	0	0	26.8179	13.4389	0.648944	55.4117	91.6271	0	0	0
4003	12	10.3444	26.8336	10	0	0	0	27.0943	13.3856	0.652278	56.1583	91.5755	0	0	0
4004	12	14.5	25.7066	10	0	0	0	22.3121	13.76	0.5825	57.2391	92.3201	0	0	0
4005	12	12.4429	24.366	10	0	0	0	22.2442	13.76	0.603929	56.754	91.5552	0	0	0
4006	12	9.7	22.5787	10	0	0	0	22.1537	13.76	0.6325	56.1072	90.5353	0	0	0
4007	12	14.6	25.7066	10	0	0	0	18.8848	13.76	0.5825	57.7913	92.5039	0	0	0
4008	12	12.5	24.366	10	0	0	0	18.817	13.76	0.603929	57.3062	91.7389	0	0	0
4009	12	9.75556	27.3335	10	0	0	0	27.2427	13.37	0.648944	54.8474	91.4316	0	0	0
4010	12	9.72222	26.8336	10	0	0	0	27.1899	13.37	0.652278	55.8203	91.5333	0	0	0
4011	12	9.7	26.5003	10	0	0	0	27.1547	13.37	0.6545	56.469	91.6011	0	0	0
4012	12	9.8	28	10	0	0	0	27.3131	13.37	0.6445	53.5501	91.296	0	0	0
4013	12	13.2	25.7066	10	0	0	0	17.722	13.93	0.5825	56.2937	90.0715	0	0	0
4014	12	9.7	22.5787	10	0	0	0	25.3004	13.86	0.6325	53.6227	88.3173	0	0	0
4015	12	12.4	27.6251	10	0	0	0	16.818	11.7225	0.826	56.4992	92.9311	0	0	0
4016	12	11.2	27.1252	10	0	0	0	17.5136	11.6592	0.852667	57.1384	92.8362	0	0	0
4017	12	10.3	26.7503	10	0	0	0	18.0353	11.6117	0.872667	57.6177	92.765	0	0	0
4018	12	13.3	28	10	0	0	0	16.2964	11.77	0.806	56.0198	93.0023	0	0	0
4019	12	9.81111	27.3335	10	0	0	0	27.3666	13.35	0.648944	56.7515	92.366	0	0	0
4020	12	9.74444	26.8336	10	0	0	0	27.3138	13.35	0.652278	56.6942	91.8711	0	0	0
4021	12	9.9	28	10	0	0	0	27.437	13.35	0.6445	56.8278	93.026	0	0	0
4022	12	9.59689	20.1264	10	0	0	0	19.4751	8.44865	0.55	54.2049	87.4177	0	0	0
4023	12	8.03876	18.1923	10	0	0	0	19.3784	6.04348	0.55	52.8098	87.4177	0	0	0
4024	12	7	16.9029	10	0	0	0	19.3139	4.44004	0.55	51.8798	87.4177	0	0	0
4025	12	11.6744	22.7052	10	0	0	0	19.604	11.6555	0.55	56.065	87.4177	0	0	0
4026	12	9.75556	27.3335	10	0	0	0	26.9517	13.42	0.648944	55.1473	91.5705	0	0	0
4027	12	9.72222	26.8336	10	0	0	0	27.0735	13.39	0.652278	55.9403	91.5889	0	0	0
4028	12	9.8	28	10	0	0	0	26.7893	13.46	0.6445	54.09	91.5459	0	0	0
4029	12	10.6	23.8633	10	0	0	0	21.9357	11.28	0.6315	57.5757	84.6457	0	0	0
4030	12	9.81111	27.3335	10	0	0	0	21.2816	7.11111	0.648944	50.6692	86.2229	0	0	0
4031	12	9.74444	26.8336	10	0	0	0	23.4261	7.52444	0.652278	51.4633	85.3913	0	0	0
4032	12	9.7	26.5003	10	0	0	0	24.8557	7.8	0.6545	51.9926	84.8369	0	0	0
4033	12	9.9	28	10	0	0	0	18.4223	6.56	0.6445	49.6104	87.3317	0	0	0
4034	12	14.6	28	10	0	0	0	27.2125	13.39	0.6445	53.6693	91.346	0	0	0
4035	12	12.5	27.3573	10	0	0	0	27.1446	13.39	0.648786	54.7978	91.4767	0	0	0
4036	12	15.1	22.4484	10	0	0	0	18.8331	11.2	0.5705	55.5608	89.2364	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
4037	12	12.7857	22.8256	10	0	0	0	18.7653	11.2	0.609071	56.4181	89.3672	0	0	0
4038	12	14.8	28	10	0	0	0	26.4493	13.51	0.6445	54.4163	91.6959	0	0	0
4039	12	12.6143	27.3573	10	0	0	0	26.8047	13.4414	0.648786	55.3762	91.6296	0	0	0
4040	12	14.8	28	10	0	0	0	27.437	13.35	0.6445	56.8278	93.026	0	0	0
4041	12	12.6143	27.3573	10	0	0	0	27.3691	13.35	0.648786	56.7542	92.3896	0	0	0
4042	12	14.8	28	10	0	0	0	25.158	8.21	0.6445	52.6315	91.3817	0	0	0
4043	12	12.1	27.3573	10	0	0	0	25.0901	8.21	0.648786	53.7183	91.5125	0	0	0
4044	12	8.5	26.5003	10	0	0	0	24.9996	8.21	0.6545	55.1674	91.6869	0	0	0
9301	12	7	102.35	10	0	0	0	25.5599	8.4	1.265	53.981	85.7392	0	0	0
9302	12	7	68.13	10	0	0	0	26.6185	7.20722	1.275	48.2902	80.1455	0	0	0
9303	12	7	66.175	10	0	0	0	24.6398	8.4	1.3325	55.3215	86.8088	0	0	0
9304	12	7	49.065	10	0	0	0	25.8898	7.20722	1.2875	48.8997	81.2193	0	0	0
9305	12	7	30	10	0	0	0	23.7197	8.4	1.4	56.6619	87.8783	0	0	0
9306	12	7	30	10	0	0	0	25.1611	7.20722	1.3	49.5091	82.2932	0	0	0
9307	12	7	30	10	0	0	0	22.7996	8.4	1.078	58.0024	88.9479	0	0	0
9308	12	7	30	10	0	0	0	24.4324	7.20722	1.001	50.1186	83.367	0	0	0
9309	12	7	30	10	0	0	0	21.8796	8.4	0.6605	59.3429	90.0175	0	0	0
9310	12	7	30	10	0	0	0	23.7038	7.20722	0.6605	50.7281	84.4409	0	0	0
9321	12	12.5	194.945	10	0	0	0	25.765	10.43	1.05	50.365	82.335	0	0	0
9322	12	12.5	138.007	10	0	0	0	28.0833	10.1043	1.225	46.5938	81.782	0	0	0
9323	12	12.5	138.229	10	0	0	0	28.0028	10.0642	1.21321	47.0836	81.9458	0	0	0
9324	12	12.5	87.195	10	0	0	0	25.0072	10.43	1.2125	50.908	83.3604	0	0	0
9325	12	12.5	87.195	10	0	0	0	27.0897	11.5613	1.23393	45.8491	82.1728	0	0	0
9326	12	12.5	87.195	10	0	0	0	28.0833	10.1043	1.2625	46.5938	81.782	0	0	0
9327	12	12.5	87.195	10	0	0	0	28.0028	10.0642	1.27321	47.0836	81.9458	0	0	0
9328	12	12.5	102.153	10	0	0	0	26.9541	9.94918	1.25643	48.6456	83.1718	0	0	0
9329	12	12.5	102.005	10	0	0	0	27.1152	10.1043	1.25	47.7089	82.8123	0	0	0
9330	12	12.5	68.13	10	0	0	0	26.1644	11.1425	1.21786	47.0332	83.1105	0	0	0
9331	12	12.5	68.13	10	0	0	0	24.2493	10.43	1.175	51.4509	84.3858	0	0	0
9332	12	12.5	68.13	10	0	0	0	26.9541	9.94918	1.29643	48.6456	83.1718	0	0	0
9333	12	12.5	68.13	10	0	0	0	27.1152	10.1043	1.275	47.7089	82.8123	0	0	0
9334	12	12.5	102.005	10	0	0	0	27.1152	10.1043	1.25	47.7089	82.8123	0	0	0
9335	12	12.5	102.153	10	0	0	0	26.9541	9.94918	1.25643	48.6456	83.1718	0	0	0
9336	12	12.5	68.13	10	0	0	0	24.2493	10.43	1.175	51.4509	84.3858	0	0	0
9337	12	12.5	68.13	10	0	0	0	26.1644	11.1425	1.21786	47.0332	83.1105	0	0	0
9338	12	12.5	68.13	10	0	0	0	27.1152	10.1043	1.275	47.7089	82.8123	0	0	0
9339	12	12.5	68.13	10	0	0	0	26.9541	9.94918	1.29643	48.6456	83.1718	0	0	0
9340	12	12.5	66.0025	10	0	0	0	26.1471	10.1043	1.275	48.8239	83.8425	0	0	0
9341	12	12.5	66.0764	10	0	0	0	25.9055	9.83412	1.29964	50.2075	84.3979	0	0	0
9342	12	12.5	49.065	10	0	0	0	23.4915	10.43	1.1375	51.9939	85.4112	0	0	0
9343	12	12.5	49.065	10	0	0	0	25.2391	10.7238	1.20179	48.2173	84.0483	0	0	0
9344	12	12.5	49.065	10	0	0	0	26.1471	10.1043	1.2875	48.8239	83.8425	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
9345	12	12.5	49.065	10	0	0	0	25.9055	9.83412	1.31964	50.2075	84.3979	0	0	0
9346	12	12.5	30	10	0	0	0	25.1789	10.1043	1.3	49.9389	84.8728	0	0	0
9347	12	12.5	30	10	0	0	0	24.8569	9.71907	1.34286	51.7694	85.624	0	0	0
9348	12	12.5	30	10	0	0	0	22.7336	10.43	1.1	52.5368	86.4366	0	0	0
9349	12	12.5	30	10	0	0	0	24.3138	10.305	1.18571	49.4013	84.986	0	0	0
9350	12	12.5	30	10	0	0	0	24.8569	9.71907	1.34286	51.7694	85.624	0	0	0
9351	12	12.5	30	10	0	0	0	24.2108	10.1043	1.001	51.0539	85.903	0	0	0
9352	12	12.5	30	10	0	0	0	23.8083	9.60401	1.034	53.3313	86.8501	0	0	0
9353	12	12.5	30	10	0	0	0	21.9758	10.43	0.847	53.0798	87.462	0	0	0
9354	12	12.5	30	10	0	0	0	23.3885	9.88629	0.913	50.5854	85.9238	0	0	0
9355	12	12.5	30	10	0	0	0	23.8083	9.60401	1.034	53.3313	86.8501	0	0	0
9356	12	12.5	30	10	0	0	0	23.2427	10.1043	0.5705	52.169	86.9333	0	0	0
9357	12	12.5	30	10	0	0	0	22.7596	9.48895	0.609071	54.8933	88.0761	0	0	0
9358	12	12.5	30	10	0	0	0	21.2179	10.43	0.5705	53.6227	88.4874	0	0	0
9359	12	12.5	30	10	0	0	0	22.4632	9.46755	0.609071	51.7695	86.8615	0	0	0
9360	12	12.5	30	10	0	0	0	22.7596	9.48895	0.609071	54.8933	88.0761	0	0	0
506	13	12.1525	266.13	7.6	0	0	0	19.4	8.9	1.3	61	88.2	0	0	0
517	13	13.1	122.4	6.5	0	0	0	16.6	5.1	1.1	58.9	86.1	0	0	0
528	13	10.2504	256.35	8.9	0	0	0	27	8.9	1.3	51.9	81.4	0	0	0
529	13	9.0989	256.35	8.9	0	0	0	27	8.9	1.3	51.9	81.4	0	0	0
530	13	9.07201	257.55	8.3	0	0	0	29.2	9.8	1.3	50	80.6	0	0	0
531	13	9.07201	256.35	8.9	0	0	0	27	8.9	1.3	51.9	81.4	0	0	0
534	13	10.0107	250.85	8.8	0	0	0	27.4	9.3	1.4	49.2	81.6	0	0	0
535	13	8.7296	270.78	8.2	0	0	0	28.9	9.9	1.4	46.8	80.4	0	0	0
545	13	10.073	252.54	8.7	0	0	0	26.9	9	1.3	50.1	80.7	0	0	0
546	13	8.90428	261.93	8.1	0	0	0	28.8	9.8	1.4	48	79.7	0	0	0
556	13	8.80877	255.65	8.8	0	0	0	27.3	9.3	1.4	49.9	81.5	0	0	0
557	13	8.80135	271.39	8.2	0	0	0	29	10	1.4	47.6	80.4	0	0	0
558	13	10.0609	255.65	8.8	0	0	0	27.3	9.3	1.4	49.9	81.5	0	0	0
574	13	9.11345	247.35	8.4	0	0	0	28.9	9.4	1.3	50.2	80.8	0	0	0
585	13	13.7	80.6	8.5	0	0	0	21.9	7.8	1.7	60.9	88.3	0	0	0
589	13	8.81111	65.84	6	0	0	0	28.8	6.7	0.8	46.7	78	0	0	0
592	13	12.4	188.3	7.7	0	0	0	24.2	6.3	1.5	58.6	85.5	0	0	0
598	13	10.235	257.84	8.8	0	0	0	27.1	8.9	1.3	51.8	81.4	0	0	0
599	13	9.04998	259.03	8.2	0	0	0	29.3	9.8	1.3	49.9	80.6	0	0	0
606	13	14	337.5	6.7	0	0	0	23.8	8.1	1.1	56.3	83.2	0	0	0
607	13	11.9643	315.73	6.2	0	0	0	26.2	8	1.2	54.2	82.9	0	0	0
610	13	10.0022	43.56	7.5	0	0	0	31.1	4.4	0.8	51.6	79	0	0	0
616	13	12.2262	182.286	8.75939	0	0	0	20.9975	9.0325	1.35125	59.32	87.1738	0	0	0
617	13	10.3612	187.623	7.65291	0	0	0	23.0108	9.5225	1.44958	55.5667	86.3721	0	0	0
618	13	8.9625	191.624	6.78543	0	0	0	24.5083	9.915	1.48583	52.7517	85.7958	0	0	0
619	13	8.03	190.385	6.74281	0	0	0	24.84	10.11	1.51	51.975	85.745	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
620	13	8.03	194.295	6.18815	0	0	0	25.54	10.16	1.51	50.925	85.445	0	0	0
621	13	8.8175	191.624	6.78543	0	0	0	24.5083	9.915	1.48583	52.7517	85.7958	0	0	0
623	13	12.34	266.13	7.6	0	0	0	19.4	8.9	1.3	61	88.2	0	0	0
628	13	12.7	241	7.5	0	0	0	19.5	8.5	0.9	58.8	85.9	0	0	0
629	13	10.7	252.14	7.5	0	0	0	21.5	9	0.9	55.1	83.9	0	0	0
630	13	7.9	267	7.5	0	0	0	24.1	9.6	0.9	50.1	81.3	0	0	0
631	13	12.7	135	6.8	0	0	0	15.1	8.3	0.8	58.9	87.7	0	0	0
632	13	10.2	126.86	6.9	0	0	0	16.9	8.4	0.8	53.5	86.8	0	0	0
633	13	6.8	116	7	0	0	0	19.2	8.4	0.8	46.4	85.5	0	0	0
642	13	10.4489	65.84	6	0	0	0	28.8	6.7	0.8	46.7	78	0	0	0
670	13	13.1	122	6.6	0	0	0	16.7	5.1	1.1	58.8	86.1	0	0	0
682	13	12.27	285.28	6.8	0	0	0	24.9	7.7	1.3	56.3	85.9	0	0	0
696	13	8.61072	250.85	8.8	0	0	0	27.4	9.3	1.4	49.2	81.6	0	0	0
697	13	6.7296	270.78	8.2	0	0	0	28.9	9.9	1.4	46.8	80.4	0	0	0
714	13	9.53714	22.8586	6.87857	0	0	0	21.9629	4.65143	0.607143	52.0157	88.22	0	0	0
723	13	10.7871	15.1536	6.87857	0	0	0	22.4129	5.10143	0.557143	52.6157	89.77	0	0	0
736	13	9.58055	61.765	7.5	0	0	0	32.63	8.875	1.25	49.0128	81.7189	0	0	0
738	13	11.3995	138.174	8.7431	0	0	0	20.578	7.9265	0.685	53.038	83.645	0	0	0
741	13	13.4	145.25	8.75286	0	0	0	21.38	7.5	0.7	54.775	83	0	0	0
742	13	12.305	140.295	7.72119	0	0	0	24.815	9.405	1.27	51.905	83.195	0	0	0
746	13	12.565	122.115	7.7	0	0	0	25.565	8.91	1.175	55.965	81.31	0	0	0
773	13	12.8	127.5	8.96752	0	0	0	14.13	7.33	0.81	60.375	88.325	0	0	0
774	13	10.2229	100.286	8.90843	0	0	0	15.4021	6.06571	0.875	54.6214	87.6821	0	0	0
775	13	6.82	64	8.84597	0	0	0	17.065	4.38	0.895	46.9	86.775	0	0	0
788	13	14.035	171.13	7.18031	0	0	0	23.51	10.3	0.925	54.015	82.23	0	0	0
789	13	10.9856	159.775	6.97108	0	0	0	24.46	10.5	0.975	52.115	81.88	0	0	0
790	13	6.91966	144.63	7.2737	0	0	0	25.76	10.8	0.975	49.565	81.38	0	0	0
791	13	7.81966	144.63	7.2737	0	0	0	25.76	10.8	0.975	49.565	81.38	0	0	0
795	13	12.72	140.295	7.71988	0	0	0	23.145	9.48	1.27	55.205	83.41	0	0	0
819	13	12.965	125.475	6.5	0	0	0	20.955	8.335	1.315	56.8	86.71	0	0	0
838	13	14.59	262.91	8.02051	0	0	0	24.6	8.56	1.045	55.595	83.185	0	0	0
839	13	12.3957	249.421	7.76924	0	0	0	26.2436	8.43714	1.11857	53.81	82.7307	0	0	0
840	13	9.47	231.435	7.43171	0	0	0	28.485	8.29	1.25	51.38	82.175	0	0	0
844	13	11.8513	159.775	6.97108	0	0	0	24.46	10.5	0.975	52.115	81.88	0	0	0
845	13	8.93966	144.63	7.2737	0	0	0	25.76	10.8	0.975	49.565	81.38	0	0	0
849	13	13.81	139.885	8.72532	0	0	0	27.615	10.055	1.45	56.62	86.1	0	0	0
850	13	11.5943	158.7	6.83467	0	0	0	29.8393	10.6793	1.6	51.7364	84.825	0	0	0
857	13	11.1057	158.7	6.83467	0	0	0	29.8393	10.6793	1.6	51.7364	84.825	0	0	0
860	13	13.7	212.675	8.72532	0	0	0	22.595	9.765	1.365	57.02	86.33	0	0	0
861	13	12.1205	206.915	7.19489	0	0	0	23.8595	9.6925	1.415	54.1	85.7125	0	0	0
865	13	9.54167	181.556	6.67538	0	0	0	27.58	10.0811	1.63556	50.4789	84.5361	0	0	0
868	13	12.3	140.295	7.7	0	0	0	24.84	9.405	1.27	54.655	83.98	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
877	13	12.975	125.275	6.64793	0	0	0	20.975	8.34	1.315	52.945	85.655	0	0	0
878	13	12.275	163.67	8.75556	0	0	0	24.075	8.62	1.515	57.26	85.595	0	0	0
879	13	10.7194	185.264	7.26474	0	0	0	26.385	8.99778	1.58389	53.1922	84.7828	0	0	0
880	13	9.55278	201.461	7.15848	0	0	0	28.08	9.28111	1.63556	50.1289	84.2361	0	0	0
881	13	8.775	201.725	6.53099	0	0	0	28.61	9.07	1.67	49.52	84.205	0	0	0
884	13	12.2025	138.9	7.44331	0	0	0	20.6413	9.21125	1.365	54.475	85.3763	0	0	0
885	13	10.5258	157.065	6.36805	0	0	0	23.2396	10.2796	1.415	50.645	84.6779	0	0	0
889	13	13.46	125.275	8.29146	0	0	0	18.73	8.435	1.315	57.385	85.95	0	0	0
896	13	11.4857	158.7	6.59746	0	0	0	30.605	10.645	1.6	50.225	84.725	0	0	0
900	13	10.2556	58.54	7.7408	0	0	0	27.1994	9.16945	1.1	49.6211	86.3478	0	0	0
901	13	8.60222	61.205	7.7408	0	0	0	27.9878	8.94278	1.1	48.0594	85.8211	0	0	0
902	13	12.46	54.985	7.7408	0	0	0	26.115	9.405	1.1	51.72	87.05	0	0	0
904	13	10.6756	58.54	7.7408	0	0	0	27.1994	9.16945	1.1	49.6211	86.3478	0	0	0
905	13	9.33722	61.205	7.7408	0	0	0	27.9878	8.94278	1.1	48.0594	85.8211	0	0	0
923	13	10.5306	72.905	6	0	0	0	31.48	10.025	1.25	47.1294	81.5172	0	0	0
930	13	7.91667	85.3989	7.72296	0	0	0	21.105	5.88056	0.941111	47.7322	85.4594	0	0	0
931	13	7.21667	74.9306	6.09209	0	0	0	21.34	6.53222	0.819444	45.4389	85.0478	0	0	0
933	13	11.2572	64.865	8.14033	0	0	0	29.6244	9.71	1.2	50.22	82.1694	0	0	0
934	13	9.92389	66.795	8.86856	0	0	0	31.8928	9.545	1.25	49.54	81.2278	0	0	0
935	13	13.035	62.285	7.49196	0	0	0	26.6	9.93	1.2	51.21	83.425	0	0	0
939	13	10.085	111.716	6.26434	0	0	0	19.7357	10.7314	0.649286	54.1143	87.1536	0	0	0
940	13	6.865	95	6.8585	0	0	0	21.26	10.59	0.605	48.95	85.775	0	0	0
951	13	6.885	92.5	6.0165	0	0	0	20.845	10.61	0.645	49.775	85.95	0	0	0
953	13	14.235	221.88	7.34663	0	0	0	24.475	9.635	1.175	52.945	82.59	0	0	0
954	13	12.0321	210.995	6.9446	0	0	0	25.675	9.585	1.225	51.895	82.44	0	0	0
955	13	9.095	196.48	6.38176	0	0	0	27.325	9.535	1.325	50.445	82.29	0	0	0
959	13	12.1325	182.286	8.75939	0	0	0	20.9975	9.0325	1.35125	59.32	87.1738	0	0	0
960	13	10.1425	187.623	7.65291	0	0	0	23.0108	9.5225	1.44958	55.5667	86.3721	0	0	0
961	13	8.65	191.624	6.78543	0	0	0	24.5083	9.915	1.48583	52.7517	85.7958	0	0	0
962	13	7.655	190.385	6.74281	0	0	0	24.84	10.11	1.51	51.975	85.745	0	0	0
963	13	7.655	194.295	6.18815	0	0	0	25.54	10.16	1.51	50.925	85.445	0	0	0
964	13	8.83444	50.38	7.64614	0	0	0	27.5422	6.90556	0.726111	47.0122	78.4378	0	0	0
984	13	13.56	188.385	8.72532	0	0	0	27.015	10.655	1.45	56.37	85.75	0	0	0
985	13	11.3679	147.3	7.7408	0	0	0	28.8714	10.3707	1.65	51.1264	84.9514	0	0	0
987	13	11.3679	188.385	8.99211	0	0	0	27.7714	10.6207	1.45	54.8764	85.6514	0	0	0
507	14	10.2225	281.76	5.6	0	0	0	22.1	9.1	1.4	56.6	86.8	0	0	0
508	14	9.11	293.48	4.1	0	0	0	24.1	9.3	1.4	53.3	85.8	0	0	0
509	14	7.81	293.48	4.1	0	0	0	24.1	9.3	1.4	53.3	85.8	0	0	0
510	14	7.81	301.3	3.1	0	0	0	25.5	9.4	1.4	51.2	85.2	0	0	0
511	14	8.775	293.48	4.1	0	0	0	24.1	9.3	1.4	53.3	85.8	0	0	0
512	14	12	150.32	4.9	0	0	0	19.4	6.8	1.2	55.3	85.1	0	0	0
513	14	10.5333	187.56	2.7	0	0	0	23.1	9	1.3	50.6	83.8	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
514	14	9.43333	215.48	1.1	0	0	0	25.9	10.7	1.4	47	82.8	0	0	0
515	14	8.7	215.48	1.1	0	0	0	25.9	10.7	1.4	47	82.8	0	0	0
516	14	8.71834	215.48	1.1	0	0	0	25.9	10.7	1.4	47	82.8	0	0	0
518	14	12.5	141	0.3	0	0	0	19.5	12.8	0.6	56.6	87.3	0	0	0
519	14	10.1	129.43	0.2	0	0	0	19.8	12.1	0.6	52.6	86.3	0	0	0
536	14	12.9	140	0.3	0	0	0	19.8	9.9	0.7	57.7	88.3	0	0	0
537	14	10.3	127.57	0.2	0	0	0	19.6	9.9	0.6	53.5	87.6	0	0	0
538	14	12.9	161	0.3	0	0	0	22.2	9.1	0.7	56	86.2	0	0	0
539	14	10.7	157.57	0.2	0	0	0	23.2	9	0.7	53.3	85.6	0	0	0
547	14	13.4	186	0.1	0	0	0	19.9	10.7	0.6	54.8	85.3	0	0	0
548	14	13.4	207	0.6	0	0	0	17.4	9.3	0.6	56.5	86.1	0	0	0
549	14	10.6	174	0.3	0	0	0	19.2	10	0.6	52.9	85.4	0	0	0
550	14	12.3	230	0.8	0	0	0	23.1	8.6	1.5	55.8	86.6	0	0	0
551	14	10.7	225.56	0.5	0	0	0	25.6	9.8	1.5	52.1	84.9	0	0	0
552	14	9.5	222.22	0.3	0	0	0	27.5	10.7	1.5	49.3	83.6	0	0	0
553	14	8.7	222.22	0.3	0	0	0	27.5	10.7	1.5	49.3	83.6	0	0	0
562	14	12.5	212	0.3	0	0	0	20.5	10.4	0.6	55.2	85.4	0	0	0
563	14	12.5	193	0.5	0	0	0	17.5	11.7	0.6	57.8	88.3	0	0	0
564	14	10.1	166.43	0.3	0	0	0	17.9	10.8	0.6	54.1	87.1	0	0	0
568	14	12.3	173	0.4	0	0	0	21.9	12.4	0.6	55.7	84.7	0	0	0
569	14	10.4	166.14	0.2	0	0	0	22.4	11.9	0.6	53.4	84.6	0	0	0
570	14	12.3	163	0.4	0	0	0	17.5	11.6	0.6	57.3	87.9	0	0	0
571	14	10	146.71	0.2	0	0	0	17.5	11.6	0.6	53.6	87.3	0	0	0
578	14	12.5	187	0.3	0	0	0	18.3	9.8	0.6	57.3	87.3	0	0	0
579	14	10.5	177.14	0.2	0	0	0	19.6	9.6	0.6	54.3	86.6	0	0	0
580	14	12.5	181	0.7	0	0	0	17.1	11.9	0.7	57.6	88.4	0	0	0
581	14	10.1	161.29	0.4	0	0	0	17.9	11.2	0.6	54.1	87.4	0	0	0
590	14	8.74444	65.28	3.3	0	0	0	29.8	7.2	0.8	45.1	77.5	0	0	0
591	14	8.7	64.9	1.5	0	0	0	30.4	7.5	0.8	44	77.2	0	0	0
593	14	10.7556	230.43	4.3	0	0	0	26.7	7.9	1.5	52.9	84	0	0	0
594	14	9.52222	262.03	1.7	0	0	0	28.5	9.1	1.5	48.6	83	0	0	0
595	14	8.7	262.03	1.7	0	0	0	28.5	9.1	1.5	48.6	83	0	0	0
600	14	10.2857	242.47	3.3	0	0	0	27.4	8.4	1.5	51.3	83.6	0	0	0
601	14	8.7	242.47	3.3	0	0	0	27.4	8.4	1.5	51.3	83.6	0	0	0
603	14	11.3857	237.43	5.5	0	0	0	27.9	7.9	1.5	53.1	85.3	0	0	0
604	14	11.83	308.06	1.6	0	0	0	30.4	7	1.9	48	84.4	0	0	0
605	14	9.07	208.4	3.7	0	0	0	30.6	4.7	2	46.9	85.8	0	0	0
608	14	9.25	286.7	5.5	0	0	0	29.5	7.9	1.4	51.3	82.6	0	0	0
609	14	10.5156	24.89	4.3	0	0	0	28.2	2.8	0.7	51.7	81.9	0	0	0
612	14	11.9	237.43	5.5	0	0	0	27.9	7.9	1.5	53.1	85.3	0	0	0
614	14	7.85556	132.76	5.5	0	0	0	24.1	6.6	1.1	48.9	83.3	0	0	0
615	14	7.22222	104.22	2.3	0	0	0	22.5	6.2	0.9	48	84	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
624	14	10.66	281.76	5.6	0	0	0	22.1	9.1	1.4	56.6	86.8	0	0	0
625	14	9.4	293.48	4.1	0	0	0	24.1	9.3	1.4	53.3	85.8	0	0	0
626	14	8.56	293.48	4.1	0	0	0	24.1	9.3	1.4	53.3	85.8	0	0	0
627	14	8.56	301.3	3.1	0	0	0	25.5	9.4	1.4	51.2	85.2	0	0	0
637	14	11.3157	308.06	1.6	0	0	0	30.4	7	1.9	48	84.4	0	0	0
638	14	7.87	208.4	3.7	0	0	0	30.6	4.7	2	46.9	85.8	0	0	0
643	14	9.58556	65.28	3.3	0	0	0	29.8	7.2	0.8	45.1	77.5	0	0	0
644	14	9.01	64.9	1.5	0	0	0	30.4	7.5	0.8	44	77.2	0	0	0
645	14	13.4	236	4.8	0	0	0	22.5	9.4	0.6	57.2	82.4	0	0	0
646	14	11.4026	213.29	3.6	0	0	0	24.4	9.8	0.7	53.4	81.7	0	0	0
647	14	8.73932	183	2	0	0	0	27	10.4	0.7	48.3	80.7	0	0	0
648	14	12.5	180	0.4	0	0	0	22.7	11.8	0.6	54.8	84.3	0	0	0
649	14	10.6	176.57	0.2	0	0	0	23.2	11.3	0.6	52.8	84.8	0	0	0
650	14	12.5	167	0.7	0	0	0	20.1	11.7	0.6	54.7	86.5	0	0	0
651	14	10.1	145.57	0.4	0	0	0	20.6	11.5	0.6	51.3	85.7	0	0	0
652	14	12.7	231	2.7	0	0	0	16.4	7.2	0.8	59.9	87.6	0	0	0
653	14	10.7	238.29	2.6	0	0	0	19.1	7.7	0.8	56.5	85.9	0	0	0
654	14	7.9	248	2.4	0	0	0	22.8	8.3	0.9	52	83.6	0	0	0
655	14	12.7	153	2.6	0	0	0	14.1	6.7	0.8	60	88.4	0	0	0
656	14	10.1	135.43	2.4	0	0	0	15.8	6.1	0.9	54.6	87.5	0	0	0
657	14	6.7	112	2.2	0	0	0	18	5.3	0.9	47.3	86.2	0	0	0
671	14	12	149.25	4.9	0	0	0	19.4	6.7	1.2	55.2	85.1	0	0	0
672	14	10.5333	185.58	2.7	0	0	0	23.1	8.9	1.3	50.5	83.9	0	0	0
673	14	8.71834	212.83	1.1	0	0	0	25.8	10.5	1.4	46.9	82.9	0	0	0
674	14	8.7	212.83	1.1	0	0	0	25.8	10.5	1.4	46.9	82.9	0	0	0
675	14	9.43333	212.83	1.1	0	0	0	25.8	10.5	1.4	46.9	82.9	0	0	0
683	14	10.23	269.92	2.9	0	0	0	27	7.5	1.5	51.3	84.4	0	0	0
684	14	13.4	236	4.8	0	0	0	22.5	9.4	0.6	57.2	82.4	0	0	0
685	14	11.5	220.1	3.9	0	0	0	23.8	9.7	0.7	54.5	81.9	0	0	0
686	14	8.9	198.9	2.8	0	0	0	25.6	10.1	0.7	51	81.2	0	0	0
687	14	6.9	183	2	0	0	0	27	10.4	0.7	48.3	80.7	0	0	0
688	14	13.4	219	5	0	0	0	20.6	8.8	0.6	55.2	83.2	0	0	0
689	14	11.4	194.1	3.9	0	0	0	20.7	9.2	0.6	53.1	83.2	0	0	0
690	14	8.7	160.9	2.5	0	0	0	20.9	9.8	0.6	50.3	83.2	0	0	0
691	14	6.7	136	1.4	0	0	0	21	10.2	0.5	48.2	83.2	0	0	0
692	14	14.1	343.7	1.2	0	0	0	25.6	8.2	1.3	52.5	82.4	0	0	0
693	14	11.9443	346.91	1.5	0	0	0	28.4	8.6	1.3	49.4	81	0	0	0
694	14	9.07	351.2	1.8	0	0	0	32.1	9.1	1.4	45.3	79.2	0	0	0
698	14	14.455	258.855	3.48118	0	0	0	26.055	7.7	1.25	52.56	82.415	0	0	0
699	14	11.5536	260.608	3.96885	0	0	0	28.3871	8.17429	1.235	49.2957	81.2179	0	0	0
700	14	7.685	262.95	4.49159	0	0	0	31.48	8.79	1.265	44.96	79.655	0	0	0
701	14	8.19	262.95	4.49159	0	0	0	31.48	8.79	1.265	44.96	79.655	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
702	14	11.43	346.91	1.5	0	0	0	28.4	8.6	1.3	49.4	81	0	0	0
703	14	7.87	351.2	1.8	0	0	0	32.1	9.1	1.4	45.3	79.2	0	0	0
704	14	8.88	351.2	1.8	0	0	0	32.1	9.1	1.4	45.3	79.2	0	0	0
705	14	10.6311	213.29	3.6	0	0	0	24.4	9.8	0.7	53.4	81.7	0	0	0
706	14	6.93932	183	2	0	0	0	27	10.4	0.7	48.3	80.7	0	0	0
707	14	9.14286	242.47	3.3	0	0	0	27.4	8.4	1.5	51.3	83.6	0	0	0
708	14	6.7	242.47	3.3	0	0	0	27.4	8.4	1.5	51.3	83.6	0	0	0
711	14	14.67	173.615	0.1	0	0	0	35.61	0.76	3.005	51.215	90.33	0	0	0
712	14	12.1623	176.17	0.1	0	0	0	37.54	0.99	3.27	48.465	87.94	0	0	0
715	14	7.13	23.39	5.7349	0	0	0	22.305	4.555	0.57	48.415	87.95	0	0	0
716	14	11.525	24.92	5.5579	0	0	0	20.265	5.665	0.6	52.455	87.715	0	0	0
717	14	8.96643	23.9007	5.6679	0	0	0	20.745	5.07643	0.585714	49.4336	87.5979	0	0	0
718	14	7.11	23.14	5.7504	0	0	0	21.13	4.635	0.525	47.155	87.51	0	0	0
720	14	9.48714	14.6686	5.27356	0	0	0	22.5129	4.80143	0.557143	51.4657	89.42	0	0	0
721	14	7.08	13.29	4.32327	0	0	0	22.855	4.505	0.57	48.115	89	0	0	0
722	14	8.03	13.655	4.66052	0	0	0	22.755	4.705	0.57	48.965	89.3	0	0	0
724	14	11.425	19.27	5.5579	0	0	0	20.815	6.115	0.55	51.605	89.065	0	0	0
725	14	8.91643	15.7107	4.60841	0	0	0	21.295	5.22643	0.535714	48.8836	88.7979	0	0	0
726	14	7.06	13.04	4.3336	0	0	0	21.68	4.585	0.525	46.855	88.56	0	0	0
727	14	8.01	13.405	4.67258	0	0	0	21.58	4.785	0.525	47.705	88.86	0	0	0
728	14	10.2164	16.1957	5.6679	0	0	0	21.195	5.52643	0.535714	50.0336	89.1479	0	0	0
729	14	9.52929	49	0.9	0	0	0	28.13	9.325	1.1	49.4136	87.4536	0	0	0
730	14	7.645	48.635	1.5	0	0	0	28.23	9.125	1.1	47.835	86.77	0	0	0
731	14	8.595	49	0.9	0	0	0	28.13	9.325	1.1	48.685	87.07	0	0	0
735	14	10.5639	52.43	4.3	0	0	0	31.18	8.075	1.2	49.6294	83.4672	0	0	0
743	14	10.0936	167.38	3.44229	0	0	0	26.415	10.455	1.27	48.255	82.245	0	0	0
744	14	9.30071	167.38	3.44229	0	0	0	26.415	10.455	1.27	48.255	82.245	0	0	0
745	14	8.435	167.38	3.44229	0	0	0	26.415	10.455	1.27	48.255	82.245	0	0	0
747	14	10.0021	149.597	3.3	0	0	0	28.0764	9.84	1.175	49.635	80.4371	0	0	0
748	14	9.20929	149.597	3.3	0	0	0	28.0764	9.84	1.175	49.635	80.4371	0	0	0
796	14	9.28	167.38	5.49206	0	0	0	25.6993	10.4871	1.27	49.6693	82.3371	0	0	0
797	14	8.05857	167.38	5.49206	0	0	0	25.6993	10.4871	1.27	49.6693	82.3371	0	0	0
814	14	11.83	139.435	4.9	0	0	0	22.355	9.185	1.365	54.0325	85.945	0	0	0
815	14	10.3167	158.055	2.7	0	0	0	24.205	10.285	1.415	50.3925	84.9417	0	0	0
816	14	9.18167	172.015	1.1	0	0	0	25.605	11.135	1.465	47.625	84.1767	0	0	0
817	14	8.425	172.015	1.1	0	0	0	25.605	11.135	1.465	46.98	84	0	0	0
818	14	8.82417	172.015	1.1	0	0	0	25.605	11.135	1.465	47.625	84.1767	0	0	0
841	14	14.065	224.98	1.2	0	0	0	25.935	9.66	1.275	52.925	83.735	0	0	0
842	14	11.8021	226.585	1.5	0	0	0	27.335	9.86	1.275	50.0936	82.3407	0	0	0
843	14	8.785	228.73	1.8	0	0	0	29.185	10.11	1.325	46.335	80.515	0	0	0
862	14	10.0145	199.235	5.41416	0	0	0	25.5955	9.5625	1.515	50.24	84.8725	0	0	0
863	14	12.225	184.52	4.97556	0	0	0	23.525	9.77	1.515	55.86	86.145	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
864	14	10.6917	182.829	5.42938	0	0	0	25.835	9.94778	1.58389	52.7922	85.2328	0	0	0
866	14	8.775	181.82	5.94249	0	0	0	28.11	9.87	1.67	49.87	84.505	0	0	0
869	14	10.58	161.36	4.3	0	0	0	26.09	10.205	1.27	50.5628	82.8789	0	0	0
870	14	9.29	177.16	1.7	0	0	0	26.99	10.805	1.27	47.4811	82.1156	0	0	0
871	14	8.43	177.16	1.7	0	0	0	26.99	10.805	1.27	46.86	81.94	0	0	0
872	14	11.8387	138.9	4.99542	0	0	0	22.325	9.14	1.365	51.145	85.155	0	0	0
873	14	10.3237	157.065	2.9422	0	0	0	24.175	10.24	1.415	48.795	84.555	0	0	0
874	14	9.1875	170.69	1.80315	0	0	0	25.525	11.04	1.465	46.995	84.055	0	0	0
875	14	8.43	170.69	1.80315	0	0	0	25.525	11.04	1.465	46.995	84.055	0	0	0
876	14	8.83	170.69	1.80315	0	0	0	25.525	11.04	1.465	46.995	84.055	0	0	0
886	14	9.26833	170.69	5.68231	0	0	0	25.1508	11.0558	1.465	47.735	84.1042	0	0	0
887	14	8.43	170.69	1.80315	0	0	0	25.525	11.04	1.465	46.995	84.055	0	0	0
888	14	8.91084	170.69	5.68231	0	0	0	25.1508	11.0558	1.465	47.735	84.1042	0	0	0
893	14	13.4	111	5.9191	0	0	0	19.73	11.04	0.725	56.15	86.3	0	0	0
894	14	10.62	101.248	5.91817	0	0	0	20.3886	11.2914	0.675714	52.5571	85.6893	0	0	0
903	14	12.78	122.295	0.3	0	0	0	22.615	11.83	0.9	53.945	86.83	0	0	0
906	14	9	18.03	0.9	0	0	0	22.1	5.3	0.5	51.7	90.1	0	0	0
907	14	7.1	17.3	1.5	0	0	0	22.3	4.9	0.5	50	89.5	0	0	0
911	14	12.9	96	3.57004	0	0	0	19.67	10.26	0.69	57.5	87.75	0	0	0
912	14	10.325	89.2857	4.19163	0	0	0	20.4829	10.4529	0.659286	53.9429	86.9864	0	0	0
913	14	6.875	80.335	5.9191	0	0	0	21.6	10.66	0.635	49.2	85.985	0	0	0
924	14	9.37222	72.625	3.3	0	0	0	31.98	10.275	1.25	45.7628	80.9689	0	0	0
925	14	8.6	72.435	1.5	0	0	0	32.28	10.425	1.25	44.835	80.62	0	0	0
938	14	12.5	124.25	5.98917	0	0	0	18.605	10.775	0.695	57.975	88.2	0	0	0
947	14	14.7	162	0.1	0	0	0	35.6	0.6	3.4	52.1	93	0	0	0
948	14	12.5046	153	0.1	0	0	0	36.4	0.7	3.8	50.3	91.5	0	0	0
949	14	12.95	124.5	3.61746	0	0	0	19.17	9.755	0.66	58.25	88.275	0	0	0
950	14	10.3507	110.786	4.13058	0	0	0	19.895	10.1214	0.653571	54.6321	87.2786	0	0	0
952	14	13.4	131.25	0.6	0	0	0	18.195	10.295	0.655	56.55	85.875	0	0	0
965	14	8.74778	51.855	5.49262	0	0	0	29.3639	7.36222	0.719444	45.4489	77.7211	0	0	0
966	14	8.69	52.835	3.68959	0	0	0	30.545	7.65	0.715	44.39	77.26	0	0	0
20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20011	20	0	11	0	0	0	0	0	0	0	0	0	0	0	0
20043	20	0	43	0	0	0	0	0	0	0	0	0	0	0	0
20100	20	0	100	0	0	0	0	0	0	0	0	0	0	0	0
20110	20	0	110	0	0	0	0	0	0	0	0	0	0	0	0
20113	20	0	113	0	0	0	0	0	0	0	0	0	0	0	0
20115	20	0	115	0	0	0	0	0	0	0	0	0	0	0	0
20116	20	0	116	0	0	0	0	0	0	0	0	0	0	0	0
20117	20	0	117	0	0	0	0	0	0	0	0	0	0	0	0
20120	20	0	120	0	0	0	0	0	0	0	0	0	0	0	0
20260	20	0	260	0	0	0	0	0	0	0	0	0	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
20280	20	0	280	0	0	0	0	0	0	0	0	0	0	0	0
20290	20	0	290	0	0	0	0	0	0	0	0	0	0	0	0
20295	20	0	295	0	0	0	0	0	0	0	0	0	0	0	0
20300	20	0	300	0	0	0	0	0	0	0	0	0	0	0	0
20306	20	0	306	0	0	0	0	0	0	0	0	0	0	0	0
20307	20	0	307	0	0	0	0	0	0	0	0	0	0	0	0
20308	20	0	308	0	0	0	0	0	0	0	0	0	0	0	0
20310	20	0	310	0	0	0	0	0	0	0	0	0	0	0	0
20311	20	0	311	0	0	0	0	0	0	0	0	0	0	0	0
20312	20	0	312	0	0	0	0	0	0	0	0	0	0	0	0
20313	20	0	313	0	0	0	0	0	0	0	0	0	0	0	0
20315	20	0	315	0	0	0	0	0	0	0	0	0	0	0	0
20316	20	0	316	0	0	0	0	0	0	0	0	0	0	0	0
20317	20	0	317	0	0	0	0	0	0	0	0	0	0	0	0
20318	20	0	318	0	0	0	0	0	0	0	0	0	0	0	0
20319	20	0	319	0	0	0	0	0	0	0	0	0	0	0	0
20320	20	0	320	0	0	0	0	0	0	0	0	0	0	0	0
20322	20	0	322	0	0	0	0	0	0	0	0	0	0	0	0
20323	20	0	323	0	0	0	0	0	0	0	0	0	0	0	0
20324	20	0	324	0	0	0	0	0	0	0	0	0	0	0	0
20325	20	0	325	0	0	0	0	0	0	0	0	0	0	0	0
20326	20	0	326	0	0	0	0	0	0	0	0	0	0	0	0
20328	20	0	328	0	0	0	0	0	0	0	0	0	0	0	0
20329	20	0	329	0	0	0	0	0	0	0	0	0	0	0	0
20330	20	0	330	0	0	0	0	0	0	0	0	0	0	0	0
20332	20	0	332	0	0	0	0	0	0	0	0	0	0	0	0
20333	20	0	333	0	0	0	0	0	0	0	0	0	0	0	0
20336	20	0	336	0	0	0	0	0	0	0	0	0	0	0	0
20338	20	0	338	0	0	0	0	0	0	0	0	0	0	0	0
20340	20	0	340	0	0	0	0	0	0	0	0	0	0	0	0
20344	20	0	344	0	0	0	0	0	0	0	0	0	0	0	0
20345	20	0	345	0	0	0	0	0	0	0	0	0	0	0	0
20348	20	0	348	0	0	0	0	0	0	0	0	0	0	0	0
20349	20	0	349	0	0	0	0	0	0	0	0	0	0	0	0
20350	20	0	350	0	0	0	0	0	0	0	0	0	0	0	0
20353	20	0	353	0	0	0	0	0	0	0	0	0	0	0	0
20357	20	0	357	0	0	0	0	0	0	0	0	0	0	0	0
20358	20	0	358	0	0	0	0	0	0	0	0	0	0	0	0
20359	20	0	359	0	0	0	0	0	0	0	0	0	0	0	0
20360	20	0	360	0	0	0	0	0	0	0	0	0	0	0	0
20364	20	0	364	0	0	0	0	0	0	0	0	0	0	0	0
20367	20	0	367	0	0	0	0	0	0	0	0	0	0	0	0

fuelFormulationID	fuelSubtypeID	RVP	sulfur Level	ETOHVol	MTBEVol	ETBEVol	TAMEVol	aromaticCont	olefin Cont	benzene Cont	e200	e300	BioDiesel EsterVol	Cetane Index	PAHCont
20370	20	0	370	0	0	0	0	0	0	0	0	0	0	0	0
20371	20	0	371	0	0	0	0	0	0	0	0	0	0	0	0
20375	20	0	375	0	0	0	0	0	0	0	0	0	0	0	0
20380	20	0	380	0	0	0	0	0	0	0	0	0	0	0	0
20382	20	0	382	0	0	0	0	0	0	0	0	0	0	0	0
20384	20	0	384	0	0	0	0	0	0	0	0	0	0	0	0
20385	20	0	385	0	0	0	0	0	0	0	0	0	0	0	0
20390	20	0	390	0	0	0	0	0	0	0	0	0	0	0	0
20400	20	0	400	0	0	0	0	0	0	0	0	0	0	0	0
20405	20	0	405	0	0	0	0	0	0	0	0	0	0	0	0
20407	20	0	407	0	0	0	0	0	0	0	0	0	0	0	0
20408	20	0	408	0	0	0	0	0	0	0	0	0	0	0	0
20414	20	0	414	0	0	0	0	0	0	0	0	0	0	0	0
20415	20	0	415	0	0	0	0	0	0	0	0	0	0	0	0
20455	20	0	455	0	0	0	0	0	0	0	0	0	0	0	0
20464	20	0	464	0	0	0	0	0	0	0	0	0	0	0	0
20467	20	0	467	0	0	0	0	0	0	0	0	0	0	0	0
20469	20	0	469	0	0	0	0	0	0	0	0	0	0	0	0
20477	20	0	477	0	0	0	0	0	0	0	0	0	0	0	0
20478	20	0	478	0	0	0	0	0	0	0	0	0	0	0	0
20480	20	0	480	0	0	0	0	0	0	0	0	0	0	0	0
20481	20	0	481	0	0	0	0	0	0	0	0	0	0	0	0
20484	20	0	484	0	0	0	0	0	0	0	0	0	0	0	0
20491	20	0	491	0	0	0	0	0	0	0	0	0	0	0	0