

Fueling the Future Autogas 101



POWERED BY PROPANE
A Member of  Alliance AutoGas

Environmentally Friendly Fuel



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WHY CONVERT FLEET VEHICLES TO PROPANE AUTOGAS?

ECONOMICAL

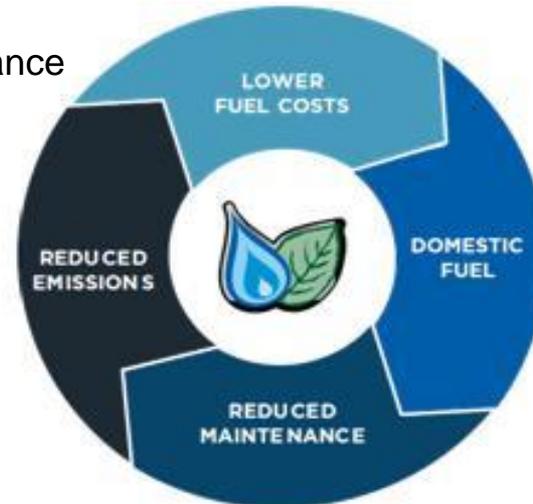
- Less expensive than gasoline
- Cleaner burning = Less maintenance

CLEAN

- 12% less carbon dioxide
- 30% less carbon monoxide
- 35% less hydrocarbons
- 60% less NOx

DOMESTIC

- Almost 98% of Alliance AutoGas' propane vehicle fuel is produced in the U.S.



AutoGas Vehicle Technology

SHARP
AUTOGAS

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Sharp AutoGas Fueling



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Fueling Infrastructure Site Preparations:

- Electrical power (230v 30 amp circuit)
- Crash posts per local Fire Marshall specifications and permitting.
- Communication line for data integration with fuel management systems
- Trenching if tank is separated from dispenser



Data/Fuel Management Integration



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The Alliance Fueling Solution

SHARP
AUTOGAS

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AutoGas is Safe & Reliable



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Proven Safe and Reliable Worldwide

▪ State of the Art Tanks

- Tanks are ASME tested and certified at 4 times normal operating pressure
- Propane tanks are 20 times more puncture resistant than standard gasoline or diesel.
- Check valves on tanks to prevent fuel from leaking through fill port
- Fuel tanks have a manual shut off valve.

▪ Low Flammability Range

- AutoGas has much lower flammability range than gasoline 2.2-9.6%
- Gasoline has an ignition temp of 350-450 degrees F, while propane has ignition temp between 900-1000 degrees. Propane must be mixed with air to ignite, propane inside a tank cant combust because of a lack of oxygen.

▪ Non-Toxic

- Unlike gasoline, diesel, methanol and ethanol, AutoGas is non-toxic, non-poisonous is insoluble in water
- Should a rare accidental release of AutoGas occur, it dissipates into the atmosphere with no harmful contaminants released into the air, soil or water. Propane will not pool under a vehicle.

Contact Information



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