

# PROPANE AUTOGAS KNOW THE TRUTH

PROPANE IS A READILY AVAILABLE, AFFORDABLE  
AND UNCOMPLICATED VEHICLE FUEL SOLUTION  
TO MEET EMISSIONS REDUCTION REQUIREMENTS.



**MYTH** PROPANE IS EXPENSIVE.

**TRUTH** Propane is used to fuel grills, homes, generators and much more. It is American made and widely available. Propane autogas is the term for propane when used to fuel vehicles. It has a different pricing structure, and costs about 50% less than diesel and 40% less than gasoline per gallon.

**MYTH** PROPANE AUTOGAS DOESN'T  
OPERATE WELL IN THE COLD WEATHER.



**TRUTH** Propane actually loves the cold! Cold weather does not impact propane vehicle reliability or range. Propane vehicles operate well in weather conditions as cold as negative 40 degrees, starting and warming up within a matter of minutes. With propane autogas, there is no risk of "gelling" like with diesel. Propane vehicles also produce ample heat for passengers.

**MYTH** THERE ISN'T ENOUGH  
RANGE WITH PROPANE AUTOGAS.

**TRUTH** Some Class 4 to 7 propane vehicles can achieve a range of up to 400 miles on a single fueling — and without sacrificing towing capacity or reliability.



**MYTH** IT TAKES A  
LONG TIME TO FUEL  
A PROPANE VEHICLE.



**TRUTH** Propane vehicles fuel up at a similar rate to gasoline and diesel vehicles — about eight gallons per minute.

**MYTH** PROPANE AUTOGAS ISN'T CLEAN FOR THE ENVIRONMENT.

**TRUTH** Propane vehicles reduce smog-producing emissions, virtually eliminate particulate matter and lower nitrogen oxides by 95% compared with diesel. Propane autogas is non-toxic, non-carcinogenic, non-corrosive and poses no harm to soil or groundwater. It is classified as an alternative fuel by the U.S. Department of Energy.



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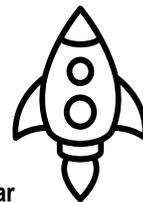
FOR MORE INFORMATION  
ROUSHcleantech.com 800.59.ROUSH

**MYTH** VEHICLES POWERED BY PROPANE AREN'T SAFE TO MAINTAIN.



**TRUTH** Propane vehicles have been used and maintained safely for over a century. Propane systems don't require a specialized technician. To improve the safety of work environments, the American Federation of State, County and Municipal Employees (AFSCME) recommends replacing diesel-fueled engines with propane-fueled engines where possible.

**MYTH** PROPANE AUTOGAS IS GOING AWAY. EV IS THE FUTURE.



**TRUTH** Propane autogas is one of the most popular automotive fuels in the world, with more than 27 million vehicles across the globe. Each day, more than 1.3 million students across the U.S. ride to school in propane school buses. Propane has staying power because it is a safe, readily available, economical and uncomplicated solution to meet emissions reduction requirements.

**MYTH** PROPANE AUTOGAS WON'T SAVE YOU MONEY.



**TRUTH** Propane vehicles offer the lowest total cost of ownership of any fuel — conventional or alternative. Between a savings of up to 50% on fuel and maintenance costs, low- to no-cost infrastructure and an initial price point that's 3 to 4 times less than electric vehicles, propane is the most economical choice for fleets. A return on investment usually happens within the first few years of operation.

**MYTH** YOU NEED FUNDING TO BUY A PROPANE VEHICLE.



**TRUTH** The purchase price of a propane vehicle isn't much higher than a diesel vehicle. However, the additional expense is quickly recouped through fuel and maintenance savings. And, since propane is classified as an alternative fuel by the Energy Department, there are additional incentive programs to encourage adoption and save even more. Available funding includes the 2021 infrastructure bill, government grants, VW settlement funding, market-based incentives and alternative fuel tax credits.

**MYTH** PROPANE AUTOGAS IS HARD TO FIND.



**TRUTH** Propane autogas is not as commonplace as gas stations but has an established fueling infrastructure. There are public fueling stations across the U.S. and in every state. For the nearest fueling station near you, visit the Energy Department's Alternative Fuel Station finder at <https://afdc.energy.gov/stations#/find/nearest?fuel=LPG>. Propane providers will also install an on-site propane station at low or even zero cost with a fuel contract, or deliver through mobile fueling.

**MYTH** PROPANE AUTOGAS IS THE SAME AS CNG.

**TRUTH** Propane and CNG are comparable alternative fuels for safety, power and emissions reduction. However, there is a robust and affordable infrastructure available for propane that makes adoption more economical. CNG fueling infrastructure needs to be installed underground, making it a time-consuming and costly option for many fleets. Propane fueling infrastructure can be installed onsite for low- or even no-cost.



**MYTH** THERE IS NO ONE IN MY AREA WHO CAN WORK ON PROPANE VEHICLES.



**TRUTH** Finding a technician for your propane vehicle is easy. There are more than 750 service centers across the United States and Canada with technicians ready to service your propane vehicles. See the list of service centers here: [roushcleantech.com/dealer-locator](https://roushcleantech.com/dealer-locator).

**MYTH** MY MAINTENANCE TEAM CAN'T WORK ON PROPANE VEHICLES.



**TRUTH** Technicians can be trained to service propane vehicles through online courses and in-person workshops. Propane autogas technicians report that repairs are faster and cheaper, and that propane is an easier system to work on overall.