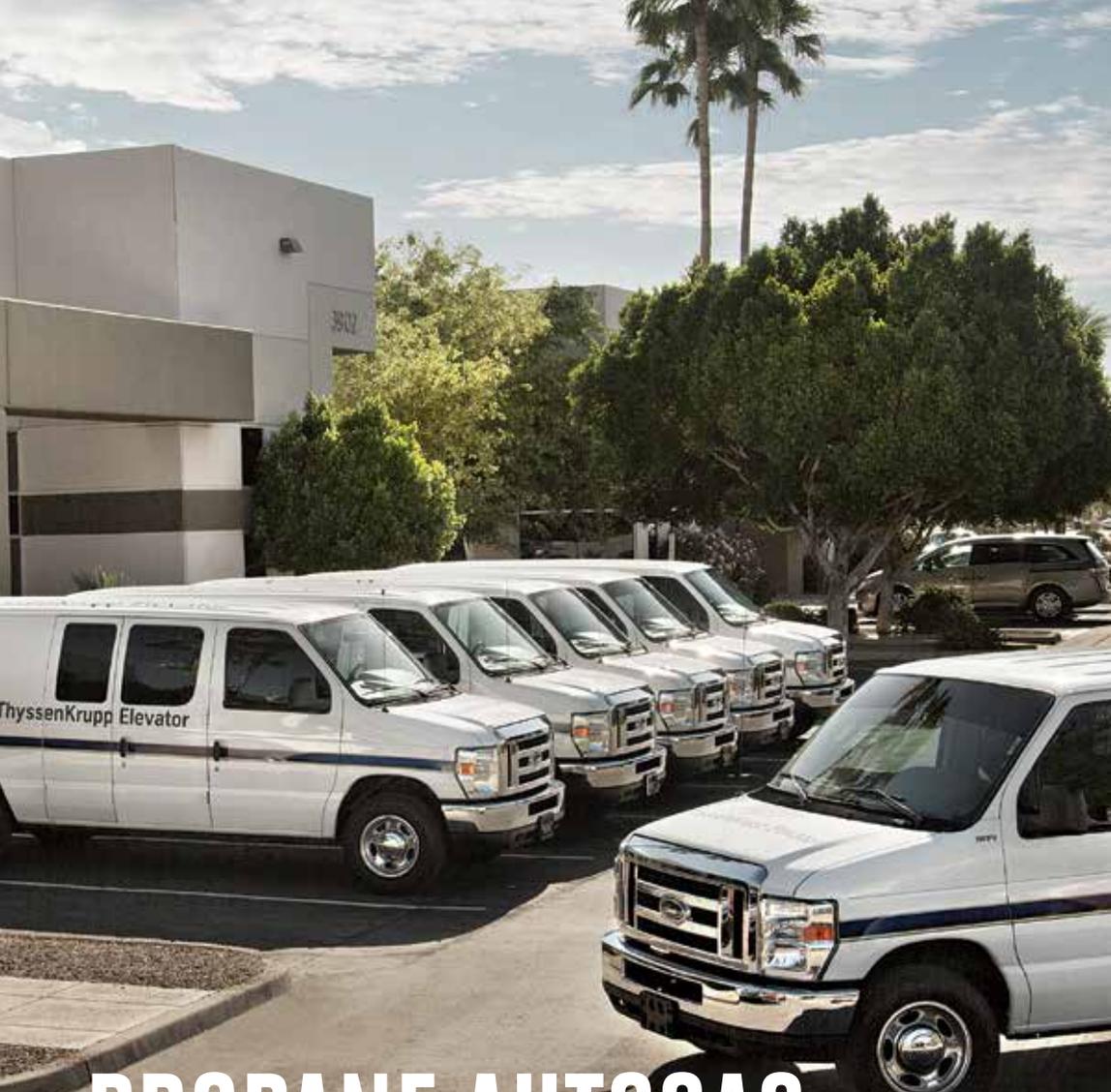


PROPANE AUTOGAS VS. DIESEL

CHOOSE LOWER COST-OF-OWNERSHIP



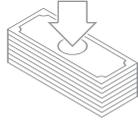


PROPANE AUTOGAS PAYS OFF

If you have a diesel-fueled fleet, you know all the additional costly expenses that come with today's diesel technology. Propane autogas will empower you to save more over time by offering a lower total cost-of-ownership.

THE PROPANE AUTOGAS ADVANTAGE

LOWER -COST OF- OWNERSHIP



LOWER TOTAL COST-OF-OWNERSHIP

The costs of diesel add up quickly: expensive fuel, additional fluids, and pricey particulate filters. These are the most influential reasons why propane autogas vehicles save more money, from purchase to retirement of the asset.



SUPERIOR COLD WEATHER PERFORMANCE

POWERFUL VEHICLES

Choose from a wide selection of OEM-supported vehicles that are EPA- and CARB-certified — without sacrificing the horsepower, torque, and towing capacity you'd get from their conventionally fueled counterparts.



REDUCED DOWNTIME

MORE UPTIME

With propane autogas, you can skip the downtime typically caused by diesel's extra repairs and maintenance. Propane autogas vehicles also provide superior cold-weather performance compared with diesel.

FLEXIBLE INFRASTRUCTURE



TO MEET YOUR NEEDS

AFFORDABLE, FLEXIBLE INFRASTRUCTURE

Fleets can choose private, on-site refueling infrastructure scaled for their needs, or take advantage of flexible public or private refueling networks.



CLEAN ENERGY

SAFE FOR EVERYONE

Propane autogas vehicles operate quieter than diesel models, allowing drivers to better focus on their passengers and the road. Standard safety features designed into propane autogas vehicle fuel systems provide added peace of mind for everyone.

CLEAN, AMERICAN-MADE FUEL

By using propane autogas, your organization can reach its sustainability goals without additional, costly emissions technology. You're also supporting our country's economy — nearly 90 percent of propane supplies are produced in the U.S.



SAVE ON THE 3 F'S

Propane autogas lowers fleets' total cost-of-ownership by saving more money in these three key areas.

1

FUEL

The cost of wholesale propane falls between the price of oil and natural gas, the fuel's two sources. As a result, propane autogas is consistently less expensive than diesel, even as fuel prices fluctuate.

2

FLUIDS

New, lower-emissions diesel technology comes with an added inconvenience: diesel emissions fluid to purchase, store, and change. This is on top of needing more oil by volume compared with propane autogas. In cold temperatures, diesel vehicles also require anti-gels to prevent clogging of fuel filters and lines. Propane autogas provides reliable performance without additional fluids.

3

FILTERS

To meet emissions requirements, new diesel technology requires diesel particulate filters that must be cleaned every 200,000 miles. Excessive idling will accelerate cleaning intervals. Either way, extra maintenance expenses are piled on top of additional upfront costs.



“Day-to-day maintenance on a propane bus is a lot less than on a diesel model. You don’t have the multi-thousand-dollar particulate filters, and you don’t have to put any other fluid in. I could change the oil on a propane engine three times for the cost of one diesel service.”

Brian Urwin

*Shop Manager, Student Transportation Inc.,
Omaha, Neb.*



A close-up photograph of a male mechanic in a workshop. He is wearing a light-colored polo shirt and is focused on his work. He holds a yellow diagnostic tool with a black cable connected to the engine of a white vehicle. Simultaneously, he holds a mobile phone to his ear with his other hand. The background is a blurred workshop environment with various tools and equipment.

SPEND TIME ON THE ROAD... NOT ON REPAIRS

New diesel vehicles may offer fewer emissions than older diesel technology, but they're also susceptible to expensive, time-wasting repairs that aren't an issue with propane autogas.



COMMON DIESEL HEADACHES

Without proper preventative maintenance, diesel fleets can expect to spend time and money replacing injectors, exhaust gas recirculation valves and coolers, turbochargers, dirty aftercoolers, and irregular closed crankcase filters.

THE COST OF IDLING

Today's diesel engines are designed for minimal idling, which should not exceed five minutes. Excessive idling fouls injectors and damages EGR valves, turbochargers, and diesel particulate filters. It has also been proven to increase the need for engine emissions regenerations, which increases downtime and maintenance expenses.



“Without proper preventative maintenance, EPA- and CARB-compliant diesel engines can have an array of issues that you just don’t have with propane-autogas-powered engines. We don’t worry about the downtime and maintenance that goes into cleaning or replacing diesel particulate filters — and those costs really add up.”

Tim Stevens
President, Stevens Sausage,
Smithfield, N.C.





THE PROPANE AUTOGAS CALCULATOR

See how much your fleet could save by switching to propane autogas with this tool. Download the free app for Apple® and Android™ devices today.

To learn more about why propane autogas is the right fuel for your fleet, visit propane.com/on-road-fleets.



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