



WORLD LP GAS ASSOCIATION

GAIN

Global Autogas Industry Network

Ten Good reasons for making the Autogas choice

Autogas – also called Automotive LP Gas – is the most widely used alternative fuel for road transport, powering more than 9 million vehicles worldwide in over 38 countries. Its environmental benefits, practical advantages and overall effectiveness have already been widely demonstrated. Here are ten good reasons to choose the autogas option.

1. Improve Air Quality

Autogas offers an immediate, concrete solution to improve air quality especially in urban areas. In terms of air-borne emissions of the principal regulated noxious gases, autogas is among the lowest of all automotive fuels available today. According to authoritative scientific testing, autogas yields 50% less carbon monoxide, 40% less hydrocarbons, 35% less nitrogen oxides (NO_x) and 50% less ozone forming potential compared to gasoline. The health benefits from such lower emissions are significant.

2. Combat Climate Change

Autogas can play an important role in mitigating climate change. It has among the lowest greenhouse gas emissions of all commercially available fuels, when measured over its full life. For example, autogas can produce on average 20% less CO₂ equivalent to gasoline when total emissions from well to wheel are taken into consideration. When tailpipe emissions levels alone are tested, autogas produces up to 15% less emissions.

3. Save Money

Autogas is generally cheaper than gasoline when it enjoys various government incentives to encourage its use. Such incentives can include vehicle conversion and purchase incentives as well as tax breaks which reduce fuel costs well below the price of gasoline and diesel. High mileage drivers converting to autogas can actually begin to save money within the first year of use.

4. Enjoy the Choice

Ford, GM, DaimlerChrysler, Toyota, Nissan, Mitsubishi, Daihatsu, Vauxhall, Proton, Volvo, Renault, Peugeot, Opel, Fiat...and more. Virtually all the major automotive manufacturers have introduced vehicles and new engines specifically engineered to run on clean, efficient autogas. Some models also support dual fuel systems – which allow drivers to effortlessly switch from autogas to gasoline, almost doubling driving range. Several vehicle manufacturers are also beginning to produce autogas dedicated vehicles.

5. Easy Refueling

Autogas vehicles enjoy refuelling convenience at over 36 000 refuelling sites around the world. Autogas is a highly portable fuel which means that its refuelling structure can be extended easily over wide areas. Also the filling time required for autogas vehicles is the same as for gasoline vehicles. Refuelling autogas vehicles is therefore much quicker and easier than for other alternative fuels.

6. Maximise Performance

The performance and operational characteristics of autogas vehicles compare to traditional motor fuels and are better than other alternative fuel options. Autogas is a high octane fuel which allows increased engine-power output and better efficiency, reducing fuel consumption and engine wear and maintenance requirements. Autogas is also the best performing alternative fuel for starting vehicles in cold climates.

7. Ensure Safety

The safety record of autogas is equal to – if not better than - gasoline or diesel. Improved technologies have helped upgrade safety features. Tanks are much stronger than comparable gasoline tanks and are able to withstand high impact in the event of collision. New safety valves automatically shut if a leakage occurs in the fuel system, meaning that gas can no longer flow from the tank. Moreover, an autogas car has a closed and environmentally-sound fuel system which prevents fuel spillage and evaporation.

8. Fleets Mean Business

Airport and hotel shuttles, taxis, buses, utility and trade vans, delivery vehicles, rental cars, police vehicles and school buses can all use autogas. Fleets can profit by operating on autogas, taking advantage of the convenience and lower costs associated with central refuelling. Moreover, fuel costs are an important business expense, which can be significantly cut when switching to autogas.

9. Reliable Supplies

Autogas vehicles consume over 16 million tonnes of LP Gas per year – equal to about 8% of LP Gas consumed globally. Autogas is not a new fuel but a reliable, clean and convenient alternative fuel with a proven track record. The existing global production and distribution facilities ensure an abundance of easily transportable product necessary for reliable future supply.

10. Join the Club

More than 9 million motorists have chosen the autogas option – and this trend is growing at a rate of 12-15% per year. In Europe alone, the expectations are even brighter with 40% growth projected through 2005. Autogas has been used in automobiles, trucks, buses, and a variety of off-road vehicles since the 1960s.

In today's marketplace, consumers have the choice to make socially responsible decisions that can improve the quality of life for all. When choosing autogas, clean air + energy diversity + cost savings = the right choice for today and tomorrow.

About GAIN

The Global Autogas Industry Network (GAIN) is organised by the World LP Gas Association (www.worldlpgas.com). GAIN members are comprised of senior executives representing key autogas stakeholders from around the world. GAIN's mission is to lead actions aimed at promoting autogas to create a sustainable growth market for LP Gas as a motor fuel at the global level. GAIN forges and coordinates relationships with all industry stakeholders active in the autogas market to expand market growth, introduce new technologies, build infrastructure and seek harmonisation of existing regulations.

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