



Autogas

Autogas is the name given to Liquefied Petroleum Gas (LPG) when it is used as an automotive fuel whether for cars, commercial fleets, forklift trucks, motor lawnmowers, buses or boats.

It has a number of significant advantages over traditional automotive fuels, offering reduced fuel costs to the user while being kinder to the environment than other traditional mainstream fuels.

Short Cut to Lower Fuel Costs

Autogas can provide clear, tangible cost savings on your current transport costs:

- with a lower pump price than that of petrol and diesel, your **fuel savings** should soon start to build up. To provide a basic illustration of what you could save, why not visit the autogas section on www.flogasni.com and use our savings calculator?
- the **low fuel duty** levied on autogas is a direct result of the long term commitment by government to LPG as an alternative automotive fuel. In 2006, the Chancellor announced the continuation of the three year advance notice period on changes in fuel duty. As such, autogas will provide significant savings for the foreseeable future.
- autogas is a cleaner fuel containing less contaminant. It should enhance engine life through reduced fuel residue, conceivably resulting in **reduced maintenance costs** over the lifetime of the vehicle.
- for cars registered on or after 1st March 2001 and converted to LPG, owners can benefit from **reduced road tax** by changing the taxation class on the vehicle through the DVLNI to 'Alternative Fuel Car'.



Kinder to the Environment

Autogas is kinder to the environment than traditional fuels, particularly benefiting towns and cities where harmful emissions can contribute to health problems. Autogas provides a number of environmental benefits over traditional fuels:

- it is a low carbon fuel that can reduce the emission of carbon dioxide into the atmosphere.
- Department of Health Statistics suggest that particulates (PM10) are responsible for several thousand advanced deaths each year. While road transport is the largest single source of particulates, autogas can reduce such emissions by up to 90%.
- noise pollution is often overlooked, but autogas engines are up to 50% quieter than diesel engines and even marginally quieter than petrol engines.
- with cities such as London implementing Congestion charges, it is reassuring to know that LPG vehicles are looked upon favourably by government and local councils.

LP Gas Emissions*

Gas Emissions Compared to Petrol:		Gas Emissions Compared to Diesel:	
Carbon Monoxide	75% less	Particulates, Hydrocarbons & Carbon Monoxide	90% less
Hydrocarbons	85% less		
Oxides of Nitrogen	40% less	Oxides of Nitrogen	50% less
Ozone	87% less		

*Based on tests undertaken at Millbrook.

Refuelling Options

There are two options available when it comes to fuelling your autogas vehicle, retail forecourts or your own fleet bunkering site.

Retail Forecourts

With over 1300 refuelling stations throughout the UK, you should never be far from your nearest Autogas outlet. Refuelling is safe and efficient, being carried out in a similar fashion to refuelling with petrol or diesel by a hose and nozzle.

For further information on Autogas outlets throughout Northern Ireland and the Republic of Ireland, please contact us on 028 9073 2611 or download a list from our website, www.flogasni.com. If you are travelling throughout the UK, www.drivelpg.co.uk provides a complete list of Autogas refuelling units nationwide.

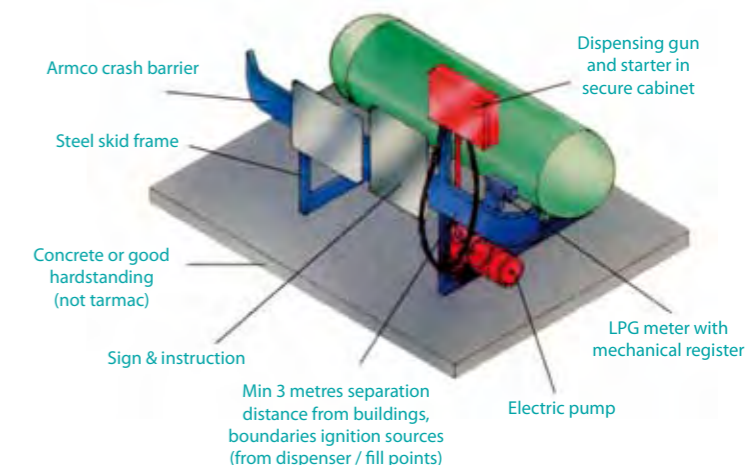


Bunkering (Fleet Operators)

For larger fleets and commercial operators, as well as for use with forklift trucks and boats, a modular unit can be sited where required. Such a system will bring further savings to the user, with prices squeezed below the retail rate.

The bunkering unit is modular, so should your fleet grow or requirements change, Flogas can provide additional capacity to your system. The unit is portable and can be relocated should the need arise and, if required, the unit can be designed to accommodate fuel card users.

Modular Unit



LPG Vehicles

You can either choose to purchase a new autogas vehicle (O.E.M) direct from the manufacturer or, more commonly, opt for an after market conversion.

LPG is similar in its properties to fully vaporised petrol, making conversion technology relatively straight forward. There are various options available regarding the gas storage tanks on a vehicle, a popular solution involves fitting a doughnut tank into the spare wheel well so that no space is lost.

Following conversion, you will be able to choose between driving on petrol or LPG at the flick of a switch. Within such 'dual-fuel' cars, the engine will always start on petrol and then switch automatically to gas.

Flogas can provide you with a number of contacts for vehicle conversion. Please call us on 028 9073 2611 or visit www.flogasni.com.

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Flogas Ltd,
Airport Road West,
BELFAST BT3 9ED

T: 028 9073 2611
F: 028 9073 2020
W: www.flogasni.com

