

Alternative Fuels ENGINEERING

CONVERSIONS • EMISSIONS • HOMOLOGATION • ALTERNATIVE FUELS

- Alternative fuels engineering
- Calibration, development & validation of alternative fuel engines
- Emission measurement and optimisation
- Passenger car and heavy duty capability
- Homologation

If you are looking for low emissions with fuel cost savings, gas fuelling provides a remarkable range of benefits. Vehicles engineered at Millbrook are already achieving:

- Emissions of just 10% of the legal limit for HC+Nox
- Emissions of just 3% of the legal limit for CO
- Using fuels that save 20p per litre (petrol equivalent)

These are outstanding results that even the best of the other gas-fuelled vehicles will find difficult to match. They are achieved with otherwise standard production vehicles, at a price that will be attractive to end users, and are covered by a comprehensive warranty.

Millbrook is approved by the Energy Saving Trust (EST) as a converter and test centre. The EST currently provide funding of up to 75% of additional cost for the cleanest alternative fuelled vehicles. Millbrook developed vehicles feature in the maximum funding band.

If you are a vehicle manufacturer, engine supplier or large fleet user, Millbrook's Alternative Fuels Group can repeat this success for your business.

Expertise

Millbrook can take an existing vehicle, re-engineer it for CNG or LPG operation, calibrate the engine management systems, complete safety, exhaust emissions, evaporative emissions and durability testing and homologate it for use anywhere in the world. Low volume production can be undertaken within purpose-built premises along with training of dealer service staff, giving a complete design, build and support service.

Millbrook works closely with several equipment suppliers including Koltec - Necam, AG Autogas Systems and GFI. However, Millbrook can bring its expertise to all other conversions from any supplier. Every installation engineered at Millbrook will match original equipment levels of quality and performance – not just for low emissions and fuel savings, but also for reliability, driveability, safety and after-sales support.

As well as being ISO 9002 registered, Millbrook is actively involved with technical committees and standards setting bodies of the relevant industry associations (LPGA/NGVA). The range of facilities available at Millbrook to drive gas-powered vehicles into the next generation is unique in the European alternative fuels industry and exceptional throughout the global automotive industry.

'At Millbrook, vehicles are not converted to gas – they are re-engineered for gas'

01/Jun09



Millbrook OVERVIEW

Millbrook is one of Europe's leading locations for the development and demonstration of every type of land vehicle, from motorcycles and passenger cars to heavy commercial, military and off-road vehicles. Located at the geographical centre of the UK automotive and fuels industry and situated centrally in the strategic Oxford to Cambridge Arc just 65 kilometres to the north of London, our custom-built facility provides virtually every test, validation and homologation service necessary for today's demanding programmes, complemented by a worldwide reputation for confidentiality, service and competitiveness.

Although significant work has been done commercially on behalf of many research organisations, Millbrook has always focused on real world applications and understand the constraints, limitations and budgetary controls that affect our customers. Our staff have experience and expertise from backgrounds in test work within vehicle manufacturers' engineering departments, so they know what their customers expect from a test. Putting working relationships first, and seeing things from the customer's point of view, means Millbrook's support will survive the test of time.