

AUTOGAS CATERING / HEATING GENERATORS / SMALL ENGINES ATV METERED ESTATES
MARINE GAS FORKLIFT TRUCKS GROUND CARE AGRICULTURE / HORTICULTURE

As a high octane, cleaner burning fuel, the use of LPG also results in less carbon build up on engines, less oil contamination and less overall engine wear."

"A three way catalytic converter allows forklift trucks to operate in sensitive areas and LPG achieves a 95 per cent reduction in NOx emissions compared to diesel."

Constant Supply

Calor LPG is supplied to each truck via a bulk tank installation at Palletways' Lichfield site. The tanks, which have Calor's The ThinkTank® telemetry system installed on them, provide a constant and more cost-effective source of LPG and make the whole re-fuelling process a lot quicker and easier through the use of fixed fuel tanks.

For Palletways, the switch to LPG has brought many benefits. Concluding, David Gough said: "Calor's solution not only meets our current business requirements, it also has an eye on our future expansion aspirations with a plan already in place should our needs suddenly increase and new tanks are necessary."



Calor's Bob Peach works with David to find the right solution for Palletway's current business requirements and future plans.

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Calor has been supplying LPG for over 70 years. We have more experience and technical expertise than any other LPG supplier in the UK. Delivery is taken care of by the largest supply network and one of the largest fleets of delivery tankers in the UK.

The scale of our operation is matched only by the range of applications for Calor which we have developed and supported. As well as familiar uses like heating, hot water and catering, LPG can power cars, buses, vans, forklift trucks, generators and many other commercial and industrial applications. In fact, if you have a power or fuel requirement the versatility of Calor is sure to provide the solution.

For further information:

Call 0800 216 659

Visit www.lpg-forklift.co.uk

Or email commercial@calor.co.uk





Calor LPG keeps Palletways moving in the right direction



“ Ideally, we were looking for a solution to cut noise levels dramatically. Calor’s LPG solution has cut noise levels by a 40% reduction. ”

- Palletways’ LPG forklift truck fleet allows them to operate 24 hours a day.
- LPG’s reduced emission levels creates a healthier working environment for employees.
- Calor provided a bespoke solution to meet increasing business demand.
- Fitting fixed fuel tanks minimised downtime and increased productivity.

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- BUSINESS Palletways
- NAME David Gough
- POSITION Health and Safety Manager

When you have the capacity to handle 32,000 pallets every day and see more than 240 wagons go through your facilities each night, a reliable fuel supplier to keep your forklift trucks moving is important. If you add to this the demand to cut noise levels and reduce emissions there really is just one fuel solution - LPG.

Palletways, the UK's market leader in the overnight distribution of small consignments of palletised freight, turned to Calor to provide a solution to power its expanding fleet of forklift trucks. Calor, the UK's leading supplier of liquefied petroleum gas (LPG), is a principal player in the materials handling sector, with all the major manufacturers offering LPG in their product ranges.

When the two companies began talking, Palletways was searching for a forklift truck solution that could successfully reduce emissions and in turn improve working conditions for its 100 plus hub team. Calor was confident it could supply the solution through LPG.

Lichfield-headquartered Palletways purchased 55 new LPG-powered Caterpillar® forklifts from its ongoing supplier, Briggs Equipment UK (formerly Finning Materials Handling) to meet its objectives and chose Calor as its fuel supplier.

Greener and Safer Alternative

David Gough, Palletways' Health and Safety Manager, said the decision to choose trucks fuelled by LPG followed a campaign by the Health & Safety Executive (HSE) to encourage logistics companies, and particularly those handling pallets in confined spaces, to find greener, safer alternatives. He said: "It is very important that we strive to provide the best possible working environment for employees while minimising the impact of our activities on the natural environment."



Each Palletways forklift truck boasts a 70-litre fixed fuel tank to cut downtime to an absolute minimum.

Palletways' trucks are installed with high-powered gas engines and class I catalytic converters, which means the firm will benefit from the same performance levels of a diesel engine but with virtually no emissions and a reduction in noise levels to at least half. Each truck boasts a 70 litre fixed fuel tank which will cut downtime to an absolute minimum, meaning the trucks can literally run all night without having to be refuelled.

“It is very important that we strive to provide the best possible working environment for employees while minimising the impact of our activities on the natural environment.”

Noise Reduction

As a major supplier to some of the best known brand names in Europe including Boots and Carlsberg, Palletways and its UK network of 106 member companies, operates a 24-hour-a-day service. David said that one of its key aims with changing from diesel to LPG was to reduce noise levels for the company's employees as well as the surrounding area.

“There's no time to lose and we employ a team of traffic marshals to keep everyone moving”

“In Lichfield alone, our facility covers 350,000 square feet. We operate a 24-hour service with the majority of our work being carried out in the evening between the hours of 9pm and 6am when between 13,000 and 15,000 pallets are processed every night. There's no time to lose and we employ a team of traffic marshals to keep everyone moving.

“Ideally, we were looking for a solution to cut noise



Calor LPG is supplied to each truck via a bulk tank.

“Calor's LPG solution has cut noise levels by five decibels, which is a 40 per cent reduction compared to our old diesel trucks.”

levels dramatically but to keep productivity the same or even better. Calor's LPG solution has cut noise levels by five decibels, which is a 40 per cent reduction compared to our old diesel trucks. The thudding and slapping noise from our diesel trucks has now gone and we will continue to assess noise levels every 12 months as a matter of course.”

Quality Air

One additional benefit for Palletways following its conversion to LPG is cleaner lights which the company used to have to clean every three months.

According to Bob Peach, Calor's commercial specialist who worked alongside Palletways during installation and continues to support the company, it's a benefit companies can expect. He said: “Air quality will certainly be improved with the use of LPG forklift trucks because of reduced emissions. A three way catalytic converter allows forklift trucks to operate in sensitive areas and LPG achieves a 95 per cent reduction in NOx emissions compared to diesel.