

Lifting efficiencies



Case Study: The Pallet Network

The Pallet Network (TPN) is a pallet distribution service, with depots in the UK, Ireland and Europe. Its Northern Hub near Birmingham covers a 365,000ft² warehouse, using 78 FLT's on any given shift.

“The company uses LPG because it’s quick and easy to fill the trucks up within a shift or prior to a shift. It’s well known for being an environmentally friendly fuel, and is cheaper and offers lower emissions than diesel.”

Tom Cassin, Health & Safety Facilities Manager at TPN



Keeping your forklift trucks moving

If you are currently operating forklift trucks (FLT's) fuelled by diesel, you'll be aware that European standards for non-road mobile machinery continue to introduce increasingly more stringent 'tiers' to cut emissions and help the UK move towards a more sustainable future.

Meanwhile, those fueling FLT's on electric are often under pressure to find an alternative fuel that is more cost-effective and reliable. The solution? Liquefied petroleum gas (LPG).

LPG vs. diesel

When compared with diesel, LPG's low emissions means FLT's can be used almost anywhere, whether its indoors or outdoors, as well as food or other sensitive environments. These emissions are lead and soot free, and when fitted with a 3-way catalyst contain very low levels of carbon monoxide and NO_x emissions. Particulate matters from diesel can contribute to respiratory diseases, such as asthma, and spoil packaging, making it unsuitable for use inside most buildings. This is not an issue with LPG. Any LPG spillages vaporise,

ensuring there's no risk of contamination or the possibility of clean-up costs or fines, unlike diesel, and LPG's quieter operation delivers reduced noise pollution for all.

Why Calor LPG?

Automatic top-up technology

With Calor's bulk LPG tanks, there is no need to worry about ordering gas or the prospect of running low on fuel. When required, a delivery from Calor is scheduled automatically, using our intelligent automatic top-up technology.

Reduced downtime

Ensuring a clean and consistent supply of fuel is essential, to keep your fleet running reliably.

Every Calor forklift cylinder incorporates Magnatract[®] technology, to reduce the risk of fragmented metal particles blocking the cylinder valve.

In addition, our Memory Dip Tubes have been manufactured from 'memory plastic' that, unlike steel dip tubes, are designed for flexibility and not prone to fracture, reducing the potential for any downtime.

LPG vs. electric

A clear benefit of LPG over electric is cost; LPG fuelled FLT's are less expensive to buy and more cost-effective to maintain, when taking into account the cost of replacement batteries for electric models.

The fact LPG offers reduced carbon emissions means the FLT can be used practically anywhere, as well as on uneven surfaces and steep gradients. LPG technology is quick to refuel when compared with the time it takes electric FLT's to charge, and does not suffer from reduced performance at low temperatures.

For more information on Calor LPG, please visit calor.co.uk/business or call 0800 121 7827.