



Sustainable fuel for forklifts

Keep up performance and cut down
emissions with Futuria Liquid Gas



Looking for an alternative to diesel for your forklifts?

Electric might seem like a great option, but it often comes with long battery charging times and expensive infrastructure. The good news is that there's an alternative – Futuria Liquid Gas.

Cut your forklifts' CO₂

If you're looking to cut your carbon emissions, Futuria Liquid Gas (previously known as BioLPG) is the sustainable fuel for you. It's chemically identical to conventional liquid petroleum gas (LPG), which is already lower in emissions than diesel. But unlike LPG, Futuria Liquid Gas is a non-fossil fuel made from a blend of waste, residues and sustainably sourced materials.

That means it's kinder to the environment, while still giving you the same great performance as conventional LPG. So it could help you cut your CO₂ emissions by up to 47%* compared to diesel, from the first day you switch to us.

It really is a win-win. Especially as making the move to Futuria Liquid Gas means you'll qualify for carbon saving certification from Green Gas**, an independent third party.

* CO2 figures based on DESNZ (Department for Energy Security and Net Zero) Greenhouse gas reporting: conversion factors 2023. Based on our 40/60 Futuria Liquid Gas (previously BioLPG) tariff. Using something called mass balancing, for every kilo of LPG fuel you buy from us, an equal amount of renewable Futuria Liquid Gas energy is purchased and distributed among our customers in its place. By opting for a Futuria Liquid Gas tariff, you're buying into a more sustainable future and contributing to reducing the carbon emissions produced by LPG.

** www.greengas.org.uk

Why does Futuria Liquid Gas have an advantage over diesel?

Using diesel forklifts for a long time in warehouses or manufacturing facilities – anywhere indoors, in fact – causes unpleasant and potentially harmful emissions.

Not a problem with Futuria Liquid Gas and LPG. Available in replaceable gas bottles or refillable bottles from a tank, they burn more cleanly than diesel. That means they emit less CO₂ and produce fewer particulates (which are linked to respiratory issues). Great news for your workforce, and for your carbon footprint.

That ugly black soot diesel forklifts sometimes leave on goods? You won't see that with Futuria Liquid Gas or LPG either. Plus, you can forget any worries about the tax relief for red diesel ending.





"LPG delivers a number of benefits compared to diesel, including reduced emissions, which allows forklift trucks to operate in more sensitive areas. That's an important consideration when transporting consumable goods – in today's stringent food environment, health and safety is a priority."

STEVE COLE,
TOYOTA ACCOUNT MANAGER

What about electric?

Futura Liquid Gas has advantages compared to electric too. Forklifts running on it can go for up to three times longer than electric ones (according to the LPG for Forklift Trucks Report from Atlantic Consulting, 2018).

There's no downtime waiting for batteries to recharge either. In fact, you can refuel a Futura Liquid Gas-powered forklift in a few minutes. And if there's a power cut, it won't affect your fleet.

Electric forklifts often aren't durable enough for long-term use outside, especially in the notoriously unpredictable British weather. Whereas with Futura Liquid Gas, forklifts work just as well inside and out, whatever the terrain. So you might be able to consolidate your fleet, cutting down on both maintenance and training costs.

Already using LPG?

It couldn't be easier to switch to Futura Liquid Gas – it uses exactly the same kit. So all you need to do is sign up to a different tariff and exchange your tanks if you're with another LPG supplier.

...all from a supplier you can trust

We really are the experts when it comes to energy for homes and businesses across the UK. In fact, we've been doing this since 1935. We're also the UK's leading Futura Liquid Gas and LPG supplier*, known for going that extra mile for our customers.

Whatever you need forklifts for, we're here to make fuelling them one less thing to worry about.

*The largest supplier by volume based on the UK market share statistics as provided by DESNZ.

As well as helping the environment, signing up to our Futuria Liquid Gas tariff means you'll:



Get Green Gas certification

From an independent third party



Lower emissions

Without compromising on performance. Cut particulate matter by up to 98% compared to diesel*



Get 24/7 power

Quick and easy refuelling will keep your forklift fleet running up to three times longer than electricity (that's according to Atlantic Consulting's LPG for Forklift Trucks Report, 2018)



Stay flexible

Forklifts running on Futuria Liquid Gas can operate both inside and outside

*Results confirmed during testing at Millbrook Proving Ground, October 2010, Report No. MBK 10/1034.

What are the tariffs?

We have two. Choose Futuria Liquid Gas and cut your emissions by up to 47%*. Switch to conventional LPG and reduce them by up to 22%*.

What's the right storage solution for me?

If you're a smaller business or don't have space for a large bulk tank, our exchangeable cylinders will probably be your best choice. They're easy to handle, and we can train your team to switch the empty cylinders for full ones when you're running low. We can also arrange regular deliveries based on how much you use – so you'll never run out.

If you're a larger business and space is on your side, a bulk tank (or tanks) will be the right fit. It works just like a diesel refilling station for your forklifts, so your team can power up at any time – just without the hefty CO₂ emissions.

Not sure what you need? Don't worry – we can chat through all your options to find the perfect solution.

“LPG offers less carbon emissions than diesel and eliminates the need to charge batteries 24 hours a day... we've seen electricity consumption dramatically decrease, and LPG-fuelled trucks cost less to operate.”

**MICK CRAGG,
YARD MANAGER AT MARSHALLS**

*Based on DESNZ (Department for Energy Security and Net Zero) Greenhouse gas reporting: conversion factors 2023. Based on our 40/60 Futuria Liquid Gas (previously BioLPG) Tariff :through a method called mass balancing, we ensure that for each Kg of LPG fuel you purchase from Calor an equal amount of renewable Futuria Liquid Gas energy is purchased and distributed amongst our customers in its place.



Forklift fuels compared

	Futuria Liquid Gas	LPG	Diesel	Electric
Maintains power 24/7	●	●	●	
Suitable for indoors and outdoors	●	●		●
Performs well on uneven and steep surfaces	●	●	●	
Minimal maintenance	●	●		●
Fast refuelling	●	●	●	
Longer engine life	●	●		●
Certified CO ₂ savings	●			
Sustainably sourced fuel	●			●
Reduced carbon footprint	●	●		●
Quieter and smoother	●	●		●

“We have important sustainability targets to meet and are independently certified and assessed on our carbon footprint each year. So we made a strategic switch to LPG for our manufacturing processes and Futuria Liquid Gas for our forklift truck fleet. These changes have had a significant impact on our company performance. And we’re a more sustainable company today as a result.”

MARTIN REYNOLDS, BELVOIR FARM’S ENGINEERING MAINTENANCE MANAGER



Why choose Calor?



We've been doing what we do for almost a century. And we're a leader in the UK when it comes to delivering both fuel, innovation and great customer service. With solutions for both forklift gas bottles and forklift LPG tanks, you'll be spoilt for choice.

Here are a few more reasons why switching to Calor could be a great decision for your forklift fleet.

You can count on our supply

We have access to two of Europe's largest gas-storage facilities, we can store 100,000 tonnes of gas in the UK. If there's a problem at home, we can also import gas from abroad. And with more than 1,000 dedicated in-house LPG vehicles on the road, we can deliver almost anywhere, anytime.

We offer expert training

Our team can train your staff to make sure they know exactly how to use your new forklift fuel.

We're technological trailblazers

Our refillable cylinder solution with a bulk tank includes auto-ordering technology that automatically scheduled a delivery for your gas when you're running low. We do it by installing a telemetry unit that remotely measures the level of gas in the tank. (You'll need to pay by Direct Debit to get this, and your telemetry unit must be able to get a signal).

Opt for exchangeable cylinders and you'll also get Magnatract™ – unique technology that stops metal particles getting into the fuel injection system to avoid them causing expensive faults.

"The telemetry unit installed by Calor allows them to monitor the quantity of LPG in our bulk tanks. And their auto-ordering technology means fuel arrives when we need it. One less thing to worry about when running a busy production facility like ours – we know everything will be taken care of."

DAVE POPE, GENERAL MANAGER AT RADNOR HILLS

Switching made simple

Moving to Calor is as easy as 1, 2, 3:



Welcome to your site

We start with a site visit to work out which of our solutions will be best for your business. You have two options:

- **an above-ground tank (or tanks):** great for businesses with lots of space and high energy demand. Your team refill their forklifts on site using our cylinders.
- **a cylinder supply:** If you're short on space or you're not powering many forklifts, exchangeable cylinders will be the best solution for you. When one runs out, you just swap it for another.



We install your tank or cylinders

If you've opted for a tank, we can often install it while you're still using your current fuel. If that isn't possible, we can set you up with exchangeable cylinders in the interim. When we're done, we'll switch you straight over, without any downtime for your business. You can then arrange for your previous installation to be removed.



We organise your first gas delivery

And your LPG forklift trucks will be ready to go.



“Calor provide a good service, and always deliver on time ... recommending Calor to another business isn’t an issue.”

TOM CASSIN, HEALTH AND SAFETY FACILITIES MANAGER AT THE PALLET NETWORK



In it for the long haul

We’re with you for the long term. After we install your system we’ll continue to take care of everything to make sure your supply runs smoothly. Your Calor service includes:

- equipment health checks: whenever we top up your tank, our driver will give it a once-over to make sure it’s still in good shape. Using cylinders? We inspect every one that comes back to us before we refill it
- UK-wide customer service: we have customer service centres across the UK. So help is never far away
- fast emergency response: we have a 24-hour hotline for emergencies, and more than 100 engineers and subcontractors on hand to fix any issue. They’re all Gas Safe® registered and specially trained too.

It’s not just about forklifts...

If you’re using oil to heat facilities – whether that’s warehouses, factories, offices or anything in between – switching to Futuria Liquid Gas could cut your emissions by up to 44%* (on our 40/60 tariff). LPG can help you cut down too – by up to 18%*.

That’s not all it can do either. From fuelling generators to powering manufacturing processes, Futuria Liquid Gas and LPG really are the fuels that have it all.

If you’d like to know more, just get in touch and we’ll find the right solution for you.

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To find out more about what we can do
for your business, call 0800 121 4568.
Or go to calor.co.uk/flt

