

Flogas Dublin

Building 2, 3rd & 4th
Floor,
The Green,
Dublin Airport Central,
Dublin Airport, Swords,
Co. Dublin,
K67 E2H3
t 041 214 9600
e info@flogas.ie
w flogas.ie

Flogas Belfast

Airport Road West
Belfast Harbour Estate
Belfast BT3 9ED
Northern Ireland
t 028 90732611
e info@flogasni.com
w flogasni.com



LPG



Diageo Global Supply Warehouse

Forklift Truck Case Study
for Food Service Warehouse/Distribution





The Diageo Challenge

Prior to the Flogas team getting involved, the forklift fleet at the Diageo Global Supply warehouse was running on electricity. Although a dedicated workshop took care of battery recharging, analysis showed that the charging process was taking 8 hours, battery changeovers were labour-intensive and taking up to an hour, while each battery was operating at a reduced capacity during its last hour of power. On top of this they were experiencing lower performance on batteries in the latter part of their 5 year life. It all added up to a regular drop in performance levels, an unsatisfactory scenario in a warehouse with such a high volume of traffic.

The Flogas Solution

Following detailed analysis and evaluation, Flogas recommended a switch from electric to LPG powered forklifts. Similar to electricity, it offers a clean, virtually odourless and soot-free solution – all critical factors in an indoor warehouse with consumable products – but it also comes with a whole host of other benefits including a lower cost of on-going service and maintenance compared to the electric trucks. Diageo opted for forklifts with permanently mounted LPG tanks and a Flogas Forklift Refuelling Unit. The storage of LPG on site in bulk allows for instant refills which mean no downtime.

Successful implementation has resulted in increased performance levels, low maintenance, cost savings and another happy client. Following the switch to LPG at their Nangor Road warehouse in Dublin, Diageo have now made the switch from electric to Flogas LPG Forklift trucks at their Belfast facility.

Essentially, the LPG system ticks all the right boxes:

- No Downtime • High Level Engine Performance • Extended Engine Life
- Low Co₂ Emissions • Low Maintenance • Low Running Costs • No Manual Handling

| Benefits | LPG | Diesel | Electricity |
|--|-----|--------|-------------|
| Low upfront costs | ✓ | ✓ | ✗ |
| Low carbon | ✓ | ✗ | ✓ |
| Cleaner fuel / longer engine life | ✓ | ✗ | ✓ |
| Quick to refuel | ✓ | ✓ | ✗ |
| Consistent, reliable power | ✓ | ✓ | ✗ |
| Flexible prolonged use indoors and out | ✓ | ✗ | ✗ |
| Quiet engine | ✓ | ✗ | ✓ |

FREE Energy Survey!

Want to find out how much you can save? Flogas will carry out a free, no strings attached site visit to analyse your current automotive costs and outline the financial savings and benefits for you.