

SAFETY BULLETIN

Ref No: SB-008-2023

Date: 06 June 2023

Subject: HSE safety notice: LPG forklift truck fire risk

HSE has issued a safety notice after becoming aware of a number of fires on liquefied petroleum gas (LPG) powered forklift trucks (FLT) and other similar vehicles that have occurred during starting.

The build-up of deposits in fuel systems, in particular, the vaporiser units of LPG powered vehicles has led to a number of fires.

Operators should:

- Review safe system of work in relation to the use of all LPG powered lift trucks and similar vehicles
- Provide information, instruction and training for all operators about the hazards raised in the alert
- Park LPG vehicles in well ventilated areas free from flammable material, particularly when parking overnight or for longer periods

View the safety notice for full details <https://www.hse.gov.uk/safetybulletins/forklift-fires.htm>

In port operations where the FLT is fuelled from a bulk tank consideration must be given to the regular draining of the distillate, a liquid tar like substance which is present in LPG. Engage with your bottle supplier to ensure the exchange bottles are drained of concentrate. Ensure servicing and maintenance teams are aware of the systems additional fittings, some LPG vehicles are fitted with a pressure release valve in the inlet manifold.

PSS Safety Bulletins

The PSS Safety Bulletin process intends to share information with our members relating to new developments or changes in the industry which may be of interest. These Safety Bulletins are in addition to PSS Safety Alerts which relate to a specific accident or incident and the related learning outcomes which may help members prevent a repeat event.