

Parts for LPG Forklifts

LPG Forklift Parts - Liquid petroleum fuel, utilized in heating appliances and vehicles, is an extremely combustible combination of hydrocarbon gases. LPG has also been increasingly utilized as a refrigerant and an aerosol propellant. Liquefied petroleum gas or LPG, is replacing chlorofluorocarbons as a way to be able to decrease ozone layer damage.

Often known as autogas or auto propane when being used in ICE motors, LPG has been utilized in various areas of the world as a petrol option for spark ignition engines since the 1940's. New research have investigated liquefied petroleum fuel and oil mixtures and found that though smoke emissions and fuel consumption are lessened, hydrocarbon emissions are increased. The studies were divided on the CO emissions. One report found substantial increases in general, the other research finding slight increases at low engine load but a substantial decrease at high engine load. LPG benefits consist of it is non-corrosive, non-toxic and free of tetra-ethyl lead or whatever additives. Liquefied petroleum gas even has a high octane reading and burns much more cleanly than petrol or fuel-oil and is free of the particulates present in fuel-oil.

Liquefied petroleum gas has a lower energy density than either petrol or fuel-oil; hence, the equivalent fuel consumption is much higher. Several governments impose less tax on LPG than on fuel-oil or on petrol to be able to help compensate the greater consumption of LPG than of the other two fuel sources. In some European nations, this tax break is compensated by a much higher annual road tax on the motor vehicles using liquefied petroleum gas instead of automobiles utilizing fuel-oil or petrol. The estimates in 2008 show that over thirteen million vehicles all over the globe run on propane gas and more than 7 billion US gallons are utilized yearly to fuel motor vehicles. Propane is the third most commonly used motor fuel on the globe.