

Parts for LPG Forklift

LPG Forklift Parts - Liquefied petroleum is used as a fuel in heating vehicles and appliances. It is an extremely flammable mixture of hydrocarbon gases, more and more used as a refrigerant and an aerosol propellant. Liquefied petroleum gas or also called LPG, is replacing chlorofluorocarbons as a way to lessen ozone layer damage.

Usually referred to as auto propane or autogas when being used in ICE motors, LPG has been used in some places of the world as a petrol substitute for spark ignition engines since the 1940's. New research have examined liquefied petroleum fuel and oil mixes and found that while smoke emissions and fuel consumption are lessened, hydrocarbon emissions are increased. The studies were divided on the CO emissions. One report found major increases overall, the other research finding a little increases at low engine load but a substantial decrease at high engine load. LPG advantages consist of it is non-toxic, non-corrosive and free of tetra-ethyl lead or any additives. Liquefied petroleum gas even has a high octane reading and burns much more cleanly as opposed to petrol or fuel-oil and is free of the particulates present in fuel-oil.

The equivalent fuel consumption is higher, because LPG has a lower energy density than both fuel-oil or petrol. A reduced amount of tax is imposed by several governments on LPG than to fuel-oil or petrol in order to help make up for the greater consumption of LPG. In certain European nations, this tax break is compensated by a much higher yearly road tax on the motor vehicles utilizing liquefied petroleum gas instead of automobiles using petrol or fuel-oil. The estimates in 2008 illustrate that over thirteen million vehicles worldwide run on propane gas and over 7 billion US gallons are utilized yearly so as to fuel vehicles. Propane is the third most generally utilized motor fuel on the earth.