

Hyster Hydraulic Pumps, Valves and Cylinders

Lots of forklifts are driven by liquid propane. Even though several facilities would have refuelling capabilities on site, several would have cylinders delivered to their office instead. If a forklift runs out of fuel, the cylinders are changed. Some cautions and training is essential if dealing with propane since it is a very combustible matter.

PPE or Personal Protective Equipment, should be worn whenever changing or refilling a lift truck cylinder. The liquid is very cold and could lead to irritation or burning when it comes into contact with skin. All the time having on thick leather gloves will help protect hands. Goggles or other standard eyewear together with a face shield is also highly recommended. Having a fire extinguished close at hand is also recommended before the refuelling process begins.

Make certain that the surroundings are safe from any open fires or lit cigarettes. Locate the fill valve on the cylinder and remove the cap. Afterward you can connect the fill line to the fill valve. Once the fill line is in place, carefully open the bleed valve. This will be a small round knob on the cylinder which is often brass coloured. A hissing sound could escape when the valve is open and this is normal so long as it is just air being vented and not actual propane.

Open the valve extremely gradually on the fill line, listening for whatever leaks. If there are no leaks, then the valve could be carefully opened. The sounds of fuel entering the tank should be easy to hear. On no account leave the tank unattended when refuelling and look at the bleeder valve during the process. A spray of white propane gas would emit from the bleeder valve once the tank is full. Turn the fill valve off completely and next close the bleeder valve. Very unhurriedly and cautiously remove the fill line from the tank. Watch for whatever extra gas caught in the coupling that would be expelled when the seal is broken. It must only be a small amount of gas and is normal. Put back the protective cover on the fill valve. Double check all valves are completely closed. The tank is now ready and full to use.