

Hydraulic Pumps, Valves and Cylinders

Hydraulic Pumps, Valves and Cylinders - A lot of forklifts are powered by liquid propane. While some facilities would have refuelling capabilities on site, several would have cylinders brought to their office instead. Whenever a forklift runs out of fuel, the cylinders are changed. A few cautions and training is essential when handling propane for the reason that it is a really combustible material.

PPE otherwise known as Personal Protective Equipment, should be worn when changing or refilling a lift truck cylinder. The liquid is extremely cold and could result in irritation or burning when it comes into contact with skin. Always having on thick leather gloves will help protect hands. Goggles or other approved eyewear together with a face shield is also highly recommended. Having a fire extinguished close at hand is likewise suggested before the refuelling method starts.

Be sure that the surroundings are safe from any lit cigarettes or open fires. Locate the fill valve on the cylinder and remove the cap. Next you could connect the fill line to the fill valve. As soon as the fill line is in place, carefully open the bleed valve. This would be a small round knob on the cylinder which is usually 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 fill valve on the fill line extremely unhurriedly, listening for any leaks around the connection point. Once sure there are no leaks, the valve could then be opened further. The sound of propane entering the tank must be easy to hear. Never leave the tank unattended whenever refuelling and watch the bleeder valve through the method. A spray of white propane gas will emit from the bleeder valve when the tank is full. Turn the fill valve off entirely and afterward close the bleeder valve. Really slowly and cautiously take out the fill line from the tank. Watch for whatever excess gas caught in the coupling which would be expelled when the seal is broken. It must only be a small quantity of gas and is normal. Put back the protective cover on the fill valve. Double check all valves are absolutely closed. The tank is now set and full to use.