

Water Pump for Forklift

Water Pump for Forklifts - The water pump is attached to the engine's crankshaft. It is a simple centrifugal pump which is driven by a belt that is attached to the crankshaft. If the engine is running, the pump circulates fluid.

Utilizing centrifugal force, the water pump sends water to the outside as it turns causing the fluid to be continually drawn from the center of the pump. The pump inlet is situated near the center. This particular design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located in order to fling the fluid outside of the pump so it enters the engine.

The fluid which is going out of the pump primarily flows throughout the cylinder head and engine block. The fluid then travels into the radiator and lastly circulates back to the pump.