

Water Pump for Forklift

Water Pump for Forklift - Connected to the crankshaft of the engine; the water pump is a basic centrifugal pump that is driven by a belt. Fluid is circulated by the pump if the engine is running.

Making use of centrifugal force, the water pump sends water to the outside as it spins causing the fluid to be constantly drawn from the pumps center. The pump inlet is situated close to the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically positioned to be able 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 goes into the radiator and lastly circulates back to the pump.