

Water Pump for Forklifts

Water Pump for Forklift - Attached to the engine's crankshaft; the water pump is a simple centrifugal pump which is driven by a belt. Fluid is circulated by the pump whenever the engine is running.

Utilizing centrifugal force, the water pump sends water to the outside while it turns causing the fluid to be continually drawn from the pumps center. The pump inlet is located near the center. This particular 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 exiting the pump initially flows throughout the cylinder head and engine block. The fluid then goes into the radiator and lastly circulates back to the pump.