

Water Pump for Forklifts

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

Utilizing centrifugal force, the water pump sends water to the outside while it spins causing the fluid to be constantly drawn from the center of the pump. The pump inlet is located close to the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed to fling the fluid outside of the pump so it enters the engine.

The fluid primarily flows through the cylinder head and engine block prior to exiting the pump. Then the fluid travels into the radiator before lastly coming back to the pump.