

Water Pump for Forklifts

Water Pumps for Forklift - Attached to the engine's crankshaft; the water pump is a basic 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 as it spins causing the fluid to be constantly drawn from the center of the pump. The pump inlet is placed near the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located to be able to fling the fluid outside of the pump so it goes in the engine.

The fluid firstly flows through the engine block and cylinder head previous to exiting the pump. Then the fluid travels into the radiator before finally returning to the pump.