

Water Pumps for Forklifts

Water Pump for Forklifts - Attached to the engine's crankshaft; the water pump is a simple centrifugal pump which is driven by a belt. The pump then circulates fluid whenever 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 pumps center. The pump inlet is located near the center. This design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically positioned in order to fling the fluid outside of the pump so it enters the engine.

The fluid firstly flows throughout the engine block and cylinder head prior to going out of the pump. The fluid then works its way into the radiator before lastly returning to the pump.