

Water Pump for Forklifts

Forklift Water Pump - 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 when the engine is running.

The water pump uses centrifugal force so as to send water to the outside while it spins. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is situated near the center. This particular design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically placed to be able to fling the fluid outside of the pump so it goes in the engine.

The fluid initially flows through the cylinder head and engine block previous to going out of the pump. The fluid then travels into the radiator before finally returning to the pump.