

## Forklift Water Pumps

Water Pump for Forklifts - Attached to the engine's crankshaft; the water pump is a simple centrifugal pump that 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 as it rotates causing the fluid to be continually drawn from the pumps center. The pump inlet is located near the center. This particular design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located so as to fling the fluid outside of the pump so it goes in the engine.

The fluid initially flows throughout the cylinder head and engine block previous to going out of the pump. The fluid then goes into the radiator before finally coming back to the pump.