

## Water Pump for Forklifts

Forklift Water Pump - Connected 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.

The water pump makes use of centrifugal force in order to send water to the outside as it rotates. This action causes fluid to be constantly drawn from the pump's 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 positioned to fling the fluid outside of the pump so it enters the engine.

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