

## Water Pumps for Forklift

Forklift Water Pump - Connected to the engine's crankshaft; the water pump is a simple centrifugal pump which is driven by a belt. Fluid is circulated by the pump if the engine is running.

The water pump uses centrifugal force to be able to send water to the outside while it spins. This action causes fluid to be constantly drawn from the center of the pump. The pump inlet is placed near the center. This 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 that is exiting the pump firstly flows through the engine block and cylinder head. The fluid then travels into the radiator and finally circulates back to the pump.