

## Forklift Water Pumps

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 whenever the engine is running.

The water pump utilizes centrifugal force to be able to send water to the outside as 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 design allows 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 firstly 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.