

## Water Pump for Forklifts

Forklift Water Pump - Connected to the engine's crankshaft; the water pump is a basic centrifugal pump which is driven by a belt. The pump then circulates fluid when the engine is running.

The water pump makes use of centrifugal force to send water to the outside as it spins. This action causes fluid to be constantly drawn from the center of the pump. The pump inlet is situated near the center. This design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically placed to fling the fluid outside of the pump so it enters the engine.

The fluid firstly flows throughout the engine block and cylinder head previous to exiting the pump. Then the fluid works its way into the radiator before lastly returning to the pump.