

## Forklift Water Pumps

Water Pump for Forklift - Attached to the engine's crankshaft; the water pump is a basic centrifugal pump that is driven by a belt. The pump then circulates fluid whenever the engine is running.

The water pump uses 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 located near the center. This design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically placed so as to fling the fluid outside of the pump so it enters the engine.

The fluid primarily flows through the engine block and cylinder head previous to exiting the pump. The fluid then goes into the radiator before lastly coming back to the pump.