

## Forklift Water Pumps

Forklift Water Pump - Attached to the crankshaft of the engine; the water pump is a basic centrifugal pump which 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 while it turns. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is positioned near the center. This particular design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located to fling the fluid outside of the pump so it goes in the engine.

The fluid that is going out of the pump firstly flows through the cylinder head and engine block. Then the fluid travels into the radiator and lastly circulates back to the pump.