

## Forklift Water Pumps

Forklift Water Pump - Connected to the crankshaft of the engine; the water pump is a basic centrifugal pump that is driven by a belt. Fluid is circulated by the pump if the engine is running.

Making use of centrifugal force, the water pump sends water to the outside while it rotates causing the fluid to be continually drawn from the center of the pump. The pump inlet is placed close to the center. This design allows 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 goes in the engine.

The fluid primarily flows through the engine block and cylinder head before going out of the pump. The fluid then goes into the radiator before finally coming back to the pump.