

## Forklift Water Pump

Water Pumps for Forklifts - Connected to the engine's crankshaft; the water pump is a simple centrifugal pump which is driven by a belt. Fluid is circulated by the pump if the engine is running.

Utilizing centrifugal force, the water pump sends water to the outside while it rotates causing the fluid to be continually drawn from the pumps center. The pump inlet is positioned close to the center. This particular design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located so as 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 throughout the cylinder head and engine block. The fluid then travels into the radiator and finally circulates back to the pump.