

## Forklift Water Pumps

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

Using centrifugal force, the water pump sends water to the outside as it rotates causing the fluid to be constantly drawn from the center of the pump. The pump inlet is situated near 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 which is exiting the pump firstly flows through the engine block and cylinder head. The fluid then travels into the radiator and finally circulates back to the pump.