

## Water Pump for Forklifts

Forklift Water Pump - Attached to the engine's crankshaft; 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.

Using centrifugal force, the water pump sends water to the outside while it turns causing the fluid to be constantly drawn from the pumps center. The pump inlet is placed close to the center. This design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned to fling the fluid outside of the pump so it goes in the engine.

The fluid which is exiting the pump initially flows throughout the engine block and cylinder head. Then the fluid travels into the radiator and lastly circulates back to the pump.