

## Water Pump for Forklifts

Forklift Water Pump - Attached to the crankshaft of the engine; the water pump is a simple centrifugal pump that is driven by a belt. The pump then circulates fluid when the engine is running.

Making use of centrifugal force, the water pump sends water to the outside as it turns causing the fluid to be continually drawn from the center of the pump. The pump inlet is placed close to the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located in order to fling the fluid outside of the pump so it goes in the engine.

The fluid that is exiting the pump firstly flows throughout the cylinder head and engine block. The fluid then goes into the radiator and lastly circulates back to the pump.