

## **Forklift Water Pumps**

Forklift Water Pump - The water pump is attached to the engine's crankshaft. It is a basic centrifugal pump which is driven by a belt which is attached to the crankshaft. If the engine is running, fluid is circulated by the pump.

Utilizing centrifugal force, the water pump sends water to the outside while it turns causing the fluid to be constantly drawn from the pump's center. The pump inlet is located near the center. This particular design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically positioned to be able to fling the fluid outside of the pump so it enters the engine.

The fluid firstly flows throughout the engine block and cylinder head prior to going out of the pump. The fluid then goes into the radiator before lastly coming back to the pump.