

## Forklift Water Pumps

Forklift Water Pump - The water pump is attached to the engine's crankshaft. It is a simple centrifugal pump that is driven by a belt which is connected to the crankshaft. Whenever the engine is running, the pump circulates fluid.

The water pump utilizes centrifugal force in order to send water to the outside while it rotates. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is positioned close to the center. This particular design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located to fling the fluid outside of the pump so it goes in the engine.

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