

Forklift Water Pump

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

Using centrifugal force, the water pump sends water to the outside while it rotates causing the fluid to be constantly drawn from the pumps center. The pump inlet is positioned close to the center. This design enables fluid returning 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 primarily flows throughout the engine block and cylinder head previous to exiting the pump. The fluid then works its way into the radiator before finally coming back to the pump.