

Forklift Water Pump

Water Pump for Forklift - The water pump is attached to the crankshaft of the engine. It is a simple 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.

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

The fluid primarily flows through the cylinder head and engine block prior to exiting the pump. Then the fluid travels into the radiator before finally returning to the pump.