

Water Pump for Forklift

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

The water pump utilizes centrifugal force to be able to send water to the outside while it turns. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is placed close to the center. This particular design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed to be able 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. The fluid then works its way into the radiator before lastly returning to the pump.