

Water Pump for Forklift

Forklift Water Pump - Connected to the engine's crankshaft; 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 makes use of centrifugal force so as 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 placed close to the center. This particular design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located in order to fling the fluid outside of the pump so it goes in the engine.

The fluid primarily flows through the engine block and cylinder head before exiting the pump. Then the fluid works its way into the radiator before lastly returning to the pump.