

Forklift Water Pump

Water Pump for Forklift - The water pump is connected to the crankshaft of the engine. It is a simple centrifugal pump which is driven by a belt which is connected to the crankshaft. When the engine is running, fluid is circulated by the pump.

The water pump utilizes centrifugal force in order to send water to the outside as it spins. 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 coming back from the radiator to hit the pump vanes. The pump vanes are strategically located so as to fling the fluid outside of the pump so it enters the engine.

The fluid primarily flows through the engine block and cylinder head prior to going out of the pump. The fluid then works its way into the radiator before finally returning to the pump.