

Water Pump for Forklift

Water Pump for Forklifts - Attached to the crankshaft of the engine; the water pump is a basic centrifugal pump that is driven by a belt. Fluid is circulated by the pump when the engine is running.

The water pump utilizes centrifugal force to be able to send water to the outside while it spins. This action causes fluid to be constantly drawn from the center of the pump. The pump inlet is placed close to the center. This design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically placed in order to fling the fluid outside of the pump so it goes in the engine.

The fluid initially flows throughout the engine block and cylinder head prior to exiting the pump. The fluid then works its way into the radiator before lastly returning to the pump.