

Water Pumps for Forklift

Forklift Water Pump - Attached to the crankshaft of the engine; the water pump is a simple centrifugal pump that is driven by a belt. The pump then circulates fluid if the engine is running.

The water pump uses centrifugal force so as to send water to the outside as it spins. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is positioned close to the center. This design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located to fling the fluid outside of the pump so it goes in the engine.

The fluid initially flows through the cylinder head and engine block prior to exiting the pump. The fluid then travels into the radiator before finally coming back to the pump.