

Water Pump for Forklifts

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

Utilizing centrifugal force, the water pump sends water to the outside as it rotates causing the fluid to be continually drawn from the pumps center. The pump inlet is positioned near the center. This design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located to be able to fling the fluid outside of the pump so it enters the engine.

The fluid initially flows throughout the cylinder head and engine block before going out of the pump. Then the fluid goes into the radiator before lastly coming back to the pump.