

Water Pumps for Forklifts

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

Utilizing centrifugal force, the water pump sends water to the outside while it spins causing the fluid to be continually drawn from the center of the pump. The pump inlet is placed close to the center. This particular 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 which is exiting the pump initially flows through the cylinder head and engine block. The fluid then travels into the radiator and lastly circulates back to the pump.