

Water Pump for Forklifts

Forklift Water Pump - Connected to the engine's crankshaft; the water pump is a simple centrifugal pump which is driven by a belt. The pump then circulates fluid whenever the engine is running.

Using centrifugal force, the water pump sends water to the outside while it rotates causing the fluid to be continually drawn from the pumps center. The pump inlet is positioned 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 to be able to fling the fluid outside of the pump so it enters the engine.

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