

Water Pump for Forklift

Forklift Water Pump - Connected to the crankshaft of the engine; the water pump is a simple 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 while it spins causing the fluid to be constantly drawn from the center of the pump. The pump inlet is situated near the center. This particular design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed so as to fling the fluid outside of the pump so it enters the engine.

The fluid primarily flows throughout the engine block and cylinder head previous to exiting the pump. The fluid then works its way into the radiator before finally coming back to the pump.