

Water Pump for Forklift

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

Utilizing centrifugal force, the water pump sends water to the outside while it rotates causing the fluid to be constantly drawn from the pumps center. The pump inlet is placed close to the center. This particular design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically positioned so as to fling the fluid outside of the pump so it goes in the engine.

The fluid initially flows through the engine block and cylinder head before going out of the pump. Then the fluid travels into the radiator before finally returning to the pump.