

Water Pump for Forklifts

Forklift Water Pump - Connected to the engine's crankshaft; the water pump is a basic centrifugal pump that 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 continually drawn from the pumps center. The pump inlet is located close to the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically positioned to fling the fluid outside of the pump so it goes in the engine.

The fluid that is exiting the pump initially flows through the cylinder head and engine block. The fluid then goes into the radiator and finally circulates back to the pump.