

Forklift Water Pump

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

Making use of centrifugal force, the water pump sends water to the outside as it spins causing the fluid to be continually drawn from the pumps center. The pump inlet is located near the center. This design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically placed to fling the fluid outside of the pump so it goes in the engine.

The fluid which is exiting the pump firstly flows through the engine block and cylinder head. The fluid then travels into the radiator and finally circulates back to the pump.