

Forklift Water Pump

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

The water pump utilizes centrifugal force so as to send water to the outside while it spins. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is situated close to the center. This design enables fluid coming back 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 that is exiting the pump primarily flows through the cylinder head and engine block. The fluid then travels into the radiator and finally circulates back to the pump.