

Forklift Water Pump

Water Pump for Forklift - Connected to the engine's crankshaft; the water pump is a simple centrifugal pump which is driven by a belt. The pump then circulates fluid when the engine is running.

The water pump utilizes centrifugal force so as to send water to the outside as it turns. This action causes fluid to be constantly drawn from the center of the pump. The pump inlet is situated near the center. This design allows fluid coming back 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 initially flows through the engine block and cylinder head prior to exiting the pump. The fluid then travels into the radiator before lastly coming back to the pump.