

Forklift Water Pump

Water Pump for Forklifts - The water pump is attached to the crankshaft of the engine. It is a basic centrifugal pump that is driven by a belt which is attached to the crankshaft. When the engine is running, the pump circulates fluid.

The water pump utilizes centrifugal force in order to send water to the outside as it rotates. This action causes fluid to be constantly drawn from the pump's center. The pump inlet is located 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 be able to fling the fluid outside of the pump so it enters the engine.

The fluid which is going out of the pump initially flows through the engine block and cylinder head. Then the fluid goes into the radiator and lastly circulates back to the pump.