

Forklift Water Pump

Forklift Water Pump - The water pump is attached to the engine's crankshaft. It is a basic centrifugal pump which is driven by a belt which is attached to the crankshaft. Whenever the engine is running, fluid is circulated by the pump.

The water pump uses centrifugal force 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 situated near the center. This particular 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 enters the engine.

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