

Water Pump for Forklifts

Forklift Water Pump - Connected to the crankshaft of the engine; the water pump is a simple centrifugal pump that is driven by a belt. Fluid is circulated by the pump if the engine is running.

Using centrifugal force, the water pump sends water to the outside while it rotates causing the fluid to be constantly drawn from the pumps center. The pump inlet is positioned near the center. This particular design enables fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically located so as to fling the fluid outside of the pump so it goes in the engine.

The fluid that is exiting the pump primarily flows throughout the engine block and cylinder head. Then the fluid goes into the radiator and lastly circulates back to the pump.