

Forklift Water Pump

Forklift Water Pump - Connected to the engine's crankshaft; the water pump is a basic centrifugal pump that is driven by a belt. Fluid is circulated by the pump when the engine is running.

The water pump makes use of centrifugal force to send water to the outside while 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 particular design enables fluid returning 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 primarily flows through the engine block and cylinder head prior to going out of the pump. Then the fluid goes into the radiator before lastly returning to the pump.