

Water Pumps for Forklift

Forklift Water Pump - The water pump is connected to the crankshaft of the engine. It is a simple centrifugal pump that is driven by a belt which is attached to the crankshaft. If the engine is running, fluid is circulated by the pump.

The water pump makes use of centrifugal force so as to send water to the outside while it spins. This action causes fluid to be constantly drawn from the pump's center. 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 placed so as to fling the fluid outside of the pump so it goes in the engine.

The fluid primarily flows throughout the engine block and cylinder head prior to exiting the pump. Then the fluid works its way into the radiator before finally coming back to the pump.