

Water Pump for Forklift

Forklift Water Pump - Attached to the crankshaft of the engine; the water pump is a basic centrifugal pump that is driven by a belt. The pump then circulates fluid when the engine is running.

The water pump makes use of centrifugal force so as to send water to the outside as it turns. This action causes fluid to be continuously drawn from the pump's center. The pump inlet is placed close to the center. This design enables fluid returning 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 initially flows through the cylinder head and engine block previous to exiting the pump. Then the fluid works its way into the radiator before lastly coming back to the pump.