

Forklift Water Pump

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

The water pump utilizes centrifugal force to send water to the outside as it spins. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is positioned near the center. This particular design allows fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located to be able to fling the fluid outside of the pump so it enters the engine.

The fluid primarily flows throughout 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.