

Water Pump for Forklifts

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

Utilizing centrifugal force, the water pump sends water to the outside while it turns causing the fluid to be constantly drawn from the center of the pump. The pump inlet is placed close to the center. This design allows fluid coming back from the radiator to hit the pump vanes. The pump vanes are strategically positioned in order to fling the fluid outside of the pump so it enters the engine.

The fluid that is going out of the pump primarily flows through the engine block and cylinder head. The fluid then goes into the radiator and finally circulates back to the pump.