

Water Pumps for Forklift

Forklift Water Pump - Attached to the crankshaft of the engine; the water pump is a simple centrifugal pump which is driven by a belt. Fluid is circulated by the pump if the engine is running.

The water pump utilizes centrifugal force to be able to send water to the outside as it turns. This action causes fluid to be continuously drawn from the center of the pump. The pump inlet is situated close to the center. This particular design allows 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 enters the engine.

The fluid that is exiting the pump initially flows throughout the engine block and cylinder head. Then the fluid goes into the radiator and finally circulates back to the pump.