

Water Pump for Forklift

Forklift Water Pump - The water pump is connected to the engine's crankshaft. It is a basic centrifugal pump that is driven by a belt that is connected to the crankshaft. When the engine is running, fluid is circulated by the pump.

Utilizing centrifugal force, the water pump sends water to the outside while it rotates causing the fluid to be constantly drawn from the center of the pump. The pump inlet is situated close to the center. This particular design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located in order 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 before going out of the pump. Then the fluid goes into the radiator before finally returning to the pump.