

Forklift Water Pump

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

Making use of centrifugal force, the water pump sends water to the outside while it rotates causing the fluid to be constantly drawn from the pump's center. 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 be able to fling the fluid outside of the pump so it goes in the engine.

The fluid which is exiting the pump primarily flows throughout the cylinder head and engine block. The fluid then goes into the radiator and lastly circulates back to the pump.