



CUSTOMER SUCCESS STORY

Fracturing Truck Manufacturer Selects Gold Cup for its Reliability, Stability, and Competitive Performance

CHALLENGE

Fracturing trucks are the main equipment type utilized for fracturing construction in oil and gas fields. These trucks' main function is to inject high flow and pressure fracturing fluid into the oil and gas field, which in turn, creates fractures in the rock formations. These fractures allow for the oil and natural gas energy to flow more easily, resulting in a better extraction process.

The fracturing truck is equipped with a horizontal, fan cooling system responsible for cooling the engine, lubrication, fuel, and hydraulic systems. The cooling fan is driven by a closed-circuit hydraulic system.

In order to ensure the reliability of the truck's construction operations, the hydraulic pump must maintain a stable working state that can automatically adjust the displacement output in relation to its heat dissipation needs, which controls and runs the fan at the appropriate speed.

SOLUTION

The fracturing truck manufacturer compared pumps from major market suppliers for their trucks' cooling system and selected Parker's Gold Cup Series.

Gold Cup was selected due to the following criteria:

- Its proven, long-standing precision barrel bearing design resulting in high speeds, high pressure, and longevity
- Its compact structure suitable for on-board hydraulic systems
- Its reliability and durability ensuring high operational integrity

MARKET

- Oil and Gas

CUSTOMER

- Fracturing Truck Manufacturer

APPLICATION

- Fan Drive Cooling Solution

SOLUTION

- Gold Cup Series Pump

RESULTS

- A high-power compact power source for non-stop operation
- Stable and fully variable control for optimized cooling
- Gold Cup's dependability provides machine reliability
- Prompt delivery and technical service response

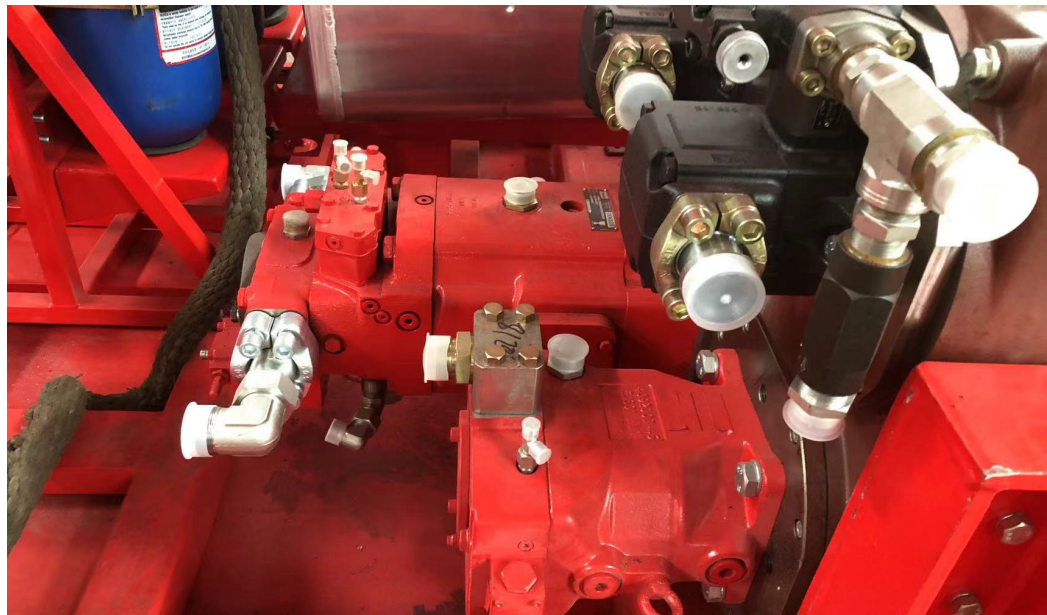
ENGINEERING YOUR SUCCESS.

RESULTS

Gold Cup successfully met the fracturing truck's operating requirements, including reliable and durable performance, while ensuring continuous and stable operation of the equipment. Finally, Parker was able to deliver prompt delivery and technical service to ensure the company's success with Gold Cup.



Parker HPS' Gold Cup Series Hydrostatic Pumps and Motors



Parker's Gold Cup located in the Fracturing Truck's fan cooling system



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