

Triplex Mud Pump

GasOil mud pumps :

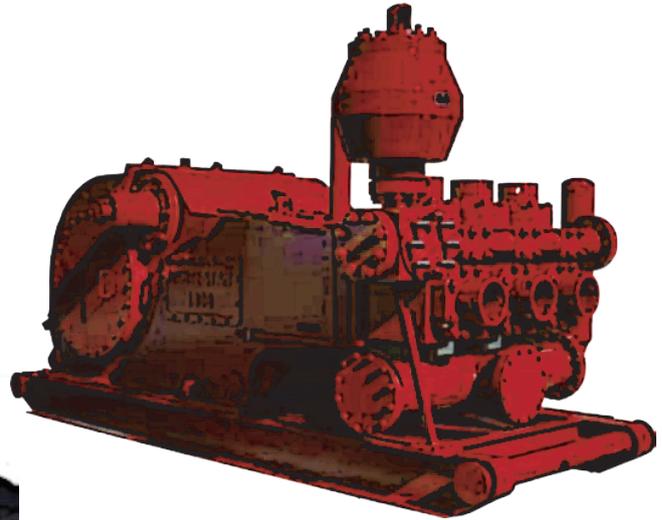
- are designed and manufactured to achieve the highest precision and deliver maximum performance and efficiency
- are compatible with other major brands
- expendables are available in domestic and international markets

Fluid End

GasOil's discharge manifolds are single piece alloy steel forged then machined for maximum strength and life. The fluid end modules are in one or two-piece configurations, using quenched and tempered forged alloy steel material.



Available in hp models :
1300 & 1600



NEW: 2-PIECE SPLIT MODULE

Separate replaceable suction and discharge modules c/w replaceable wear ring for extended module life.

Frame and Skid

Pump frames suffer from stress and fatigue cracking at the front-end bulkhead, pinion, crankshaft, and bearing support areas, so GasOil has paid particular attention to the strength of the frame and the way it's manufactured. The material is a hot rolled premium steel plate with the longitudinal plates increased in thick-ness by nearly 1/2" to prevent the frame from "breathing." The GasOil frame is machined the full length of the hold down runners at the base on either side. The skid has a fully milled flush run of 1" plate the full length of the pump. When the pump is bolted to the machined skid, the stresses from the front end of the pump are transmitted through the skid. This provides added strength to the frame and a reduction in stress at the high stress points typical of other existing triplex pumps.

Crankshaft, Pinion, Bull Gear & Connecting Rods

GasOil's crankshaft is manufactured from a forged 4140 material with high nickel content to reduce crack initiation and propagation. It has a high chrome content to prevent corrosion. Crankshafts are static balanced for smooth operation to reduce noise and vibration, which extends the life of the bearings and crankshaft. The pinion and bull gear are made from similar material to the crankshaft and with a high precision double helical gear, with less backlash than other available pumps.



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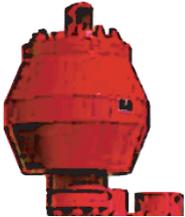
Crankshaft, Pinion, Bull Gear & Connecting Rods (continued..)

The precision gears ensure power is transmitted over the full width of the adjacent gears and the decreased backlash prevents the hammering effect, which occurs with speed change. Our connecting rods are made from high specification alloy steel. The connecting rods are machined with great precision to guarantee alignment between the crankshaft and the cross heads.



Cross heads and Guides

GasOil's cross heads are manufactured from high quality, cast steel and the guides are manufactured from a quality manganese bronze normally used in bearings. This combination of materials provides a low friction interface and generates very little heat, which equates to minimal wear.



Pulsation Dampeners

GasOil's pulsation dampener, rated at 20 gallons, is made from forged alloy steel. Each dampener is hydrostatically tested to 10,000 psi before shipment. GasOil also offers a 10- gallon 7500 WP pulsation dampener for the 7500 PSI triplex fluid end.



Ancillary Parts

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