

OIL & GAS

OVERVIEW

At Pivotal Pumps, we understand the unique challenges and pressures that are placed on the Oil and Gas industry. Our proven processes for servicing your high-energy pumps will reduce plant downtime and increase mean-time-between failures (MTBF).

Applications

- Crude Oil Mainline Pumps
- Fluid Catalytic Cracking (FCC) Pumps
- Crude Distilling Pumps
- Thermal Cracker (Coker) Pumps
- Hydrocracker Pumps
- Gasoline Blending Pumps
- Olefins Plant Pumps
- Chemical Processing Pumps

Challenge

EPA regulations place strict leakage requirements on Crude Oil Mainline Pumps used for midstream crude transportation. Large fines are levied for any pumping stations not meeting these requirements. This criteria means that pump seals must be designed, constructed and installed with the highest levels of attention to detail and quality. Often times, pump rebuild facilities are either ill equipped to test for seal leakage prior to shipment, or unwilling to commit to these strict requirements.

The Pivotal Solution

Pivotal Pumps utilizes a proprietary hydrostatic testing fixture prior to the shipment of any mainline pumps to ensure that the pumps being supplied will be leak-free once in service. Pivotal's test engineers document the results of each test and supply a final test report to the pumping station manager prior to the final acceptance of the repaired pump. This gives the pumping station manager confidence in knowing that when the pump is installed, it will operate as designed, without losing a single drop of crude.