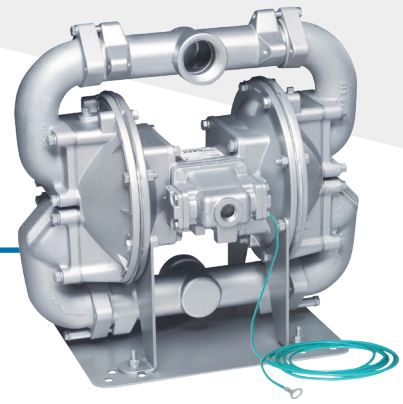


Prominent Eagle Ford Oil & Gas Company Trusts **SANDPIPER** for its **Tank Bottom Recirculation**



Distributor: Odessa Pumps & Equipment

Industry: Midstream Oil & Gas Production

Pump Application: G20F

Process Overview

Tank bottom recirculation is the process of transferring crude oil, natural gas liquids (NGLs) and paraffins to keep the product from separating prior to further processing. A large private company located within the Eagle Ford basin was experiencing problems with previous gear pump technology. This South Texas company focuses on Midstream Oil & Gas, and had ongoing problems related to its tank bottom recirculation applications at multiple large facilities. During processing, storing, and transporting at the production pad, this company began experiencing issues with its gear pumps. These issues included:

- Solids and abrasives deteriorating internal gears, resulting in a reduction in flow
- Premature seal failure causing cleanup costs and downtime
- Lubrication needed by gear pumps lacking due to water present in the tanks

Solution Overview

Burdened by the issues above, the customer turned to Odessa Pumps for a solution. Odessa Pumps recommended the **SANDPIPER G Series Heavy Duty Flap (HDF) Valve** pumps due to its unique design allowing the passage of entrained solids up to 2". The G Series HDF pump can transfer a variety of fluids ranging from water and condensate to viscous crude oil. In addition to the solids and viscosity handling capabilities, the construction of the SANDPIPER G Series HDF pump can be configured for compatibility with nearly all oil field fluids



Additionally, the SANDPIPER G-Series HDF pump offers exclusive FKM internal elastomer options for higher temperatures and enhanced chemical compatibility with sour gas (H₂S) and corrosive additives.

4+ years and over 100 pumps later, SANDPIPER has proven success with nearly all of this company's production locations utilizing the G20F for tank bottom recirculation.

REQUIREMENTS

- Pump fluids with abrasives & settling solids without affecting pump performance
- Reliably pump heavy viscous crude
- Pump NGLs without prematurely failing internal pump components
- On / Off reliability & operator friendly
- Deadhead safely and runs dry
- CSA certified and ATEX compliant: safe and groundable for natural gas operation

SOLUTION

- [SANDPIPER G-Series 2" Heavy Duty Aluminum Flap Valve Pump](#)
- FKM diaphragms and flaps to handle hydrocarbons
- Flap valves allow for easy passage of fluid with entrained solids
- SANDPIPER's exclusive ESADS+ Air / Gas distribution system's patented, lube-free design offers complete in-line serviceability

SANDPIPER[®]

800 North Main Street
Mansfield, OH 44902

419-524-8388

sandpiperpump.com



FIND A DISTRIBUTOR →

