



Multiphase pump solutions

creating
new history



Key features

- Custom turnkey packages API 676
- Internal & external pump liquid recirculation
- Installation, commissioning and life cycle service
- Up to 100% gas volume fraction (GVF)
- Compact, efficient designs
- Unparalleled pump efficiencies
- Remote & local system controls
- Full integration with SCADA systems
- Casing & End Covers Fabricated Steel, ASTM A516 - Gr 55LCB
- Rotors & Shafts Forged Stainless, ASTM A276-986 431
- Replaceable Liner Cast Iron, ASTM A-48 or Ductile Iron, ASTM A536
- Mechanical Seals Single or Double, API-682 Type
- Seal Flush Plans API-52, API-54, API-Plan 32
- Flow Rates Range Up to 630,000 bpd (up to 4,175 m3hr)
- Inlet/Outlet Pressure Up to 580 psig (40 bar G)
- Differential Pressure Up to 580 psig (40 bar G)
- Viscosity 1 to 5,000 cSt
- Temperature 40 to 300°F (5 to 150°C)
- Speed Range 350 to 2000 RPM
- Drive & Rotation Direct Coupled, CW Facing Drive shaft
- Mounting Horizontal
- Suction Flange 300# ANSI RF, ANSI B16.5
- Discharge Flange 300# ANSI RF, ANSI B16.5
- Drain Connections 300# ANSI RF, ANSI B16.5
- Any other material of constructions (eg. super duplex) and/or connections (eg. 600#) on request possible.

Client specific solutions

The demand for more efficient and sustainable production is growing in the oil and gas industry. Rosscor and SES International meets these needs with its Multiphase Pump solutions. A reliable integrated system that, thanks in part to the intelligent configuration, is at the forefront. Not only in quality and reliability, also thanks to the composition, the Multiphase Pump systems offer advantages, such as in the field of maintenance. Multiphase pump systems have been used to pump crude oil in pipelines and on wellpads for over 30 years. The systems efficiently utilize one pump to boost complete, untreated production flows (mixture of oil, gas, condensates, water and/or solids) through multiphase gathering pipelines. The systems simplify surface facilities, eliminating infrastructure associated with separation and independent water, gas and oil gathering systems. Additionally, systems deployed on wellpads reduce well backpressure, increasing oil & gas production.

Highlights



Triple MR station



Mature well development up to 100 %GVF



Offshore MPP

Experts you can count on

With over 50 years of experience, SES International is a global leader in the manufacturing rotating equipment packages for the oil and gas, petrochemical and refrigeration industries. We supply high quality, tailor-made compressor packages backed up by our own service department for total maintenance and spare parts.



www.sesint.nl/multiphase-pump-solutions



SES International B.V.

Sluisstraat 12, P.O. Box 92

7490 AB Delden, The Netherlands

Phone: +31 881 030 400

Email: sales@sesint.nl

www.sesint.nl



Sistemas Centrales de Lubricación SAPI de CV
Av. Patriotismo 359-4, Mexico City, 3800
Phone: +52 55 5528 5014
www.sicelub.com