



Special Compressor Oil

Special Compressor Oil is a high-quality, detergent compressor oil specifically developed for the lubrication of centrifugal and rotary gas compressors handling sour gas or process gas. It has a high alkaline reserve to neutralize the acids formed during compression of sour gas or process gas, and holds moisture in suspension until oil drain.

Special Compressor Oil is specially formulated to provide excellent service and protection in gas compression service. It has excellent oxidation resistance and thermal stability at high temperatures to help minimize deposit formation and provide long service life. It is formulated to neutralize acids formed during sour gas or process gas compression. It protects against rust and corrosion, and is resistant to excessive foam buildup that can interfere with proper lubrication. The detergent additive helps hold moisture in suspension until oil drain. Consult with the compressor manufacturer on recommended drain intervals.

Applications

- Centrifugal and rotary gas compressors handling sour gas or process gas
- Vacuum pumps

Features/Benefits

- Excellent oxidation resistance and thermal stability at high temperatures
- High alkaline reserve to neutralize acids formed during gas compression
- Holds moisture in suspension
- Protects against rust and corrosion
- Good foam resistance
- Low carbon-forming tendency

**Detergent
Compressor Oil
For Sour Gas Or
Process Gas
Service**

CONTACT INFORMATION

**Phillips66
Lubricants.com**

U.S. Customer
Service:
1-800-368-7128

Technical Hotline:
1-877-445-9198

International
Customer Service:
1-832-765-2500

E-mail address:
**lubricants@
p66.com**



Special Compressor Oil

Typical Properties

ISO Grade	68
Specific Gravity @ 60°F	0.875
Density, lbs/gal @ 60°F	7.29
Color, ASTM D1500	6.5
Flash Point (COC), °C (°F)	238 (460)
Pour Point, °C (°F)	-15 (5)
Viscosity,	
cSt @ 40°C	66.3
cSt @ 100°C	8.9
SUS @ 100°F	343
SUS @ 210°F	56.2
Viscosity Index	108
Acid Number, ASTM D974, mg KOH/g	1.3
Foam Test, ASTM D892, Seq. I, ml	0/0
Oxidation Stability, RPVOT, ASTM D2272, minutes	247
Rust Test, ASTM D665 A&B	Pass
Sulfated Ash, ASTM D874, wt %	1.27
Total Base Number (TBN), ASTM D2896, mg KOH/g	9.9
Calcium, wt %	0.32
Zinc, wt %	<0.001

Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

© 2015 Phillips 66 Company. Phillips 66, 76, Conoco, Liquid Titanium and their respective logos and products are trademarks of Phillips 66 Company in the U.S.A. and other countries.