



## Gas Compressor Oil

Gas Compressor Oil is a high-quality lubricant developed for the lubrication of oil-flooded rotary compressors in natural gas service and for cylinder lubrication in reciprocating compressors in natural gas service. It is formulated to minimize the effects of gas dilution and oil absorption in this type of service.

Gas 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 protects against rust, corrosion and wear, and is resistant to excessive foam buildup that can interfere with proper lubrication.

### ***Applications***

- Oil-flooded rotary screw, rotary lobe and rotary vane compressors in natural gas service
- Industrial reciprocating compressors pumping natural gas
- Reciprocating compressors commonly found in remote gas gathering stations

### ***Features/Benefits***

- Excellent oxidation resistance and thermal stability at high temperatures
- Formulated to minimize the effects of gas dilution and oil absorption
- Good wear protection
- Protects against rust and corrosion
- Good foam resistance

### **Compressor Oil For Natural Gas Service**

#### **CONTACT INFORMATION**

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Lubricants.com**

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Customer Service:  
**1-832-765-2500**

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## Gas Compressor Oil

### Typical Properties

ISO Grade	100	150	220
Specific Gravity @ 60°F	0.874	0.879	0.885
Density, lbs/gal @ 60°F	7.28	7.32	7.37
Color, ASTM D1500	1.5	2.5	2.5
Flash Point (COC), °C (°F)	268 (514)	277 (531)	285 (545)
Pour Point, °C (°F)	-29 (-20)	-18 (0)	-15 (5)
Viscosity,			
cSt @ 40°C	97.6	150	220
cSt @ 100°C	11.3	14.9	18.8
SUS @ 100°F	508	787	1,164
SUS @ 210°F	65.0	79.3	95.9
Viscosity Index	102	99	95
Acid Number, ASTM D974, mg KOH/g	0.14	0.14	0.14
Copper Corrosion, ASTM D130	1a	1a	1a
Demulsibility, ASTM D1401, minutes to pass	5	10	10
Foam Test, ASTM D892, Seq. I, ml	0/0	0/0	0/0
Rust Test, ASTM D665 A&B	Pass	Pass	Pass

### Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3apps.phillips66.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.

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