



Mobil Gas Compressor Oil

Gas Compressor Oil

Product Description

Mobil Gas Compressor Oil is a premium quality, high performance, synthetic gas compressor lubricant based on poly-alkylene glycol. It is primarily intended for use in gas compressors for hydrocarbon and chemical gases where the crankcases and bearings operate in a gas filled atmosphere. It is particularly suitable for marine service on vessels carrying liquefied gas cargoes. It also has application in general industry where problems with oil and gas solubility issues have resulted in less than satisfactory equipment performance. Compared with conventional mineral oil, Mobil Gas Compressor Oil has a lower gas solubility and consequently resists dilution and has improved viscosity control which results in additional protection against wear, improved efficiency and reduced foaming.

Features and Benefits

Mobil Gas Compressor Oil is a speciality synthetic product developed to reduce the problems resulting from gas dissolving in the lubricant and causing problems with wear, sealing, increased maintenance and frequent oil changes.

Features	Advantages and Potential Benefits
Reduced Hydrocarbon and Chemical Gas Solubility	Improved viscosity control Reduced component wear Reduced downtime and lower maintenance costs

Applications

- Liquefied petroleum gases such as propane and butane
- Liquefied natural gases such as methane and ethane
- Hydrocarbon chemical gases such as ethylene, propylene and butylene
- Chemical gases such as ammonia, vinyl chloride monomer and butadiene

Typical Properties

Mobil Gas Compressor Oil	
Viscosity, ASTM D 445	
cSt @ 40° C	175
cSt @ 100° C	32.3
Viscosity Index, ASTM D 2270	230
Color, ASTM D 1500	<2.0
Pour Point, °C, ASTM D 97	-36
Flash Point, °C, ASTM D 92	294
Specific Gravity @15° C kg/l, ASTM D 1298	1.056

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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