



Mobil™ Gas Compressor Oil

Mobil Industrial , Qatar

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 compressors for hydrocarbon and chemical gases where the crankcases and bearings operate in a gas filled atmosphere. It is particularly suitable for marine 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 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

Properties and Specifications

| Property | |
|---|-------|
| ASTM Color, ASTM D1544 | <2.0 |
| Flash Point, Cleveland Open Cup, °C, ASTM D92 | 294 |
| Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445 | 175 |
| Pour Point, °C, ASTM D97 | -36 |
| Density @ 15 C, kg/l, ASTM D1298 | 1.055 |

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.as>

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