LPG Compressor Oil

Fully synthetic gas compressor lubricant

Product Data Sheet

Product description

LPG Compressor Oil is a fully synthetic lubricant, designed for use in hydrocarbon, ammonia and chemical gas compressors.

LPG Compressor Oil is formulated to give very low solubility when exposed to hydrocarbon and chemical gases, retaining viscosity, oil film strength and wear protection.

Customer benefits

- Minimum lubricant dilution ensures long-term system protection and component service life.
- Will tolerate low-level water contamination and resist corrosion, extending oil drain periods.
- Rapid gas separation reduces foaming, maintaining lubrication performance.
- Suitable for use with a range of hydrocarbon and chemical gases, simplifying inventories.
- High temperature oxidation stability extends oil service life and improves up-time.
- Fully compatible with common seal types, saving time and money.

Applications

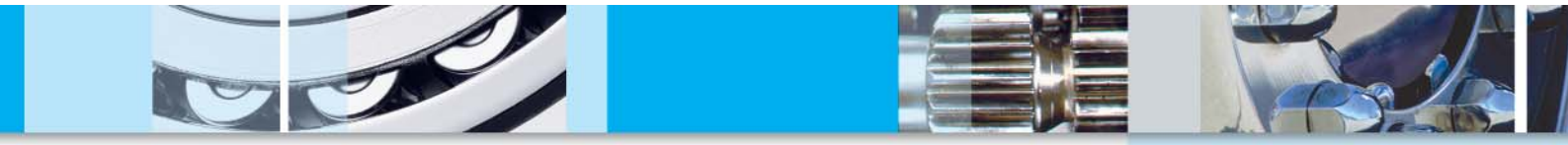
- LPG Compressor Oil is designed for enclosed gas compressors where the crankcase and bearings operate in a gas-filled atmosphere.
- Suitable for the compression of liquefied petroleum gases such as propane and butane, liquefied natural gases such as methane and ethane, hydrocarbon chemical gases such as ethylene, propylene and butylenes and chemical gases such as vinyl chloride, ammonia and butadiene.

Product highlights:

- Excellent wear protection
- Low gas solubility
- Suitable for most hydrocarbon and chemical gases.

Recommended for use in a wide range of compressors including:

- Linde for general service gas compression
- Sulzer Burckhardt
- Winterthur
- Howden.



- Particularly suitable for marine service on vessels carrying specialist liquefied gas cargoes.

Approvals

LPG Compressor Oil meets or exceeds the approval requirements of the following equipment manufacturers:

- Sulzer Burckhardt A.G

- Winterthur K-type gas cargo compressors for general LPG/LNG service and for ammonia, vinyl chloride, butadiene.

- Linde for general service gas compression including ammonia, vinyl chloride and butadiene.

- Howden Compressors for use in refrigeration compressors operating with propane and propylene at discharge pressure exceeding 7 kg/cm^2 (100 psig).

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continued

Product specifications

LPG COMPRESSOR OIL TYPICAL DATA TEST	TEST METHODS	RESULTS
Visc. Kinematic at 40 °C	ISO 3104	185
Visc. Kinematic at 100 °C	ISO 3104	35
Visc. Index	ISO 2909	238
Flash Point, C.O.C., °C	ASTM D92	260
Pour point, °C	ISO 3016	-30
Density, 15 °C, Kg/l	ASTM D1298	1.057
Steel and Aluminium Corrosion	DIN 51355 Test A	0

LPG Compressor Oil does not affect common seal and gasket materials such as Nitrile Rubber (NBR) and fluoro-Silicones. This product softens ordinary industrial paints. Two pack epoxy formulations are normally resistant. LPG Compressor Oil should not be mixed with mineral oils.

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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