

GB-9639-68

Lubricant for Propane Refrigeration Compressor

Description

GB-9639-68 is blend of polyalkylene glycols with unique additives that is specifically designed for use in natural refrigerants such as propane and butane. The ability of GB-9639-68 lubricant to withstand dilution by hydrocarbon and other compressed gas is particularly advantageous in flooded screw compressors.

GB-9639-68 is an ideal fluid for these natural refrigerants such as propane and butane due to its very low pour point, high viscosity index, excellent solubility and superior resistance against viscosity dilution.

Attributes

- Specifically designed for use in refrigeration systems requiring PAG lubricants
- Excellent film strength and anti-wear properties for better protection of compressor parts
- Resists viscosity dilution
- Reduced hygroscopic tendencies
- Very high viscosity index for better lubrication and seal protection at extreme temperatures
- Excellent thermal and oxidative stability leading to longer fluid life and extended oil drain intervals
- Increased protection against rust, corrosion, carbon and varnish
- Very high flash points and auto-ignition points for added safety
- Non-toxic/non-hazardous

Applications

- Propane refrigeration compressor lubrication.
- Natural gas and other light hydrocarbon compressor applications.

Typical Properties*

Appearance	Colorless clear liquid
Density@20°C, g/cm ³	0.987
Viscosity@40°C, mm ² /s	68.5
Viscosity@100°C, mm ² /s	12.71
ViscosityIndex	187
Flash Point(COC), °C	231
Fire point, °C	249

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Gruebb

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Pour Point, °C	-45
Copper Corrosion, 100°C, 3hr	1 grade
Foam Characteristic, 24°C	25/0

* The above data is typical data, not as product specifications.

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