

### GB-9639-46

#### Lubricant for Propane Refrigeration Compressor

##### Description

GB-9639-46 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-9639-46 lubricant to withstand dilution by hydrocarbon and other compressed gas is particularly advantageous in flooded screw compressors.

GB-9639-46 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℃ , g/cm <sup>3</sup>	0.985
Viscosity@40℃ , mm <sup>2</sup> /s	46.0
Viscosity@100℃ , mm <sup>2</sup> /s	8.89
ViscosityIndex	174
Flash Point(COC), °C	231
Fire point, °C	250

Shanghai PingYiao Trading CO., Ltd.

Tel: 86-21-64705533

Adress: A1207, Yinhai Building, No.250, Caoxi Road,Xuhui District , Shanghai 200235 P.R.China

Telephone helpline: (86)15900706965

Fax: 86-21-64705533-209

Website: [www.pingyiao.com](http://www.pingyiao.com)

E-mail: [info@pingyiao.com](mailto:info@pingyiao.com)

Pour Point, °C	-48
Copper Corrosion, 100°C, 3hr	1 grade
Foam Characteristic, 24°C	10/0

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

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E-mail: [info@pingyiao.com](mailto:info@pingyiao.com)