

## ArChine Propana RGI 56

### Lubricant for Propane Refrigeration Compressor

#### Description

ArChine Propana RGI 56 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 ArChine Propana RGI 56 lubricant to withstand dilution by hydrocarbon and other compressed gas is particularly advantageous in flooded screw compressors.

ArChine Propana RGI 56 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\*

Item	ArChine Propana RGI 56
Appearance	Colorless clear liquid
Density@20°C, g/cm <sup>3</sup>	0.986
Viscosity @ 40°C, mm <sup>2</sup> /s	56.5

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Viscosity @100°C, mm <sup>2</sup> /s	10.70
Viscosity Index	183
Flash Point(COC), °C	233
Fire point, °C	251
Pour Point, °C	-45
Copper Corrosion, 100°C,3hr	1 grade
Foam Characteristic, 24°C	15/0

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

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