

Product Denomination: **PETROFROST SERIES**

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PETROFROST SERIES are manufactured from specially refined and processed high performance naphthenic mineral oils, to meet the requirements of refrigeration equipment manufacturers. They have good chemical stability and suitable for cylinder and bearing lubrication.

CHARACTERISTICS AND BENEFITS

- Low pour point and excellent fluidity at very low temperatures.
- Do not wax-out under low temperature conditions.
- Specially refined for the stability in the presence of ammonia and fluorinated hydrocarbons.
- Excellent low temperature flow and evaporator heat transfer to provide optimum system efficiency.
- Minimized varnish and sludge formation.
- Extremely low water content with maximum corrosion protection and prevention of ice formation within the system.
- Long service life

APPLICATIONS:

- Suitable for refrigeration units using fluorinated hydrocarbon refrigerants and ammonia.
- Recommended for cylinder and bearing lubrication in all conventional refrigeration compressors and for machinery operating at sub-zero temperatures.
- Industrial applications such as food freezing and cold storage plants.
- Marine refrigeration applications.
- Not recommended for use with HFC refrigerants

PROPERTY	TEST METHOD	32	46	68
Kinematik Viscosity at 40°C (cSt)	ASTM D 445	32	46	68
Kinematik Viscosity at 100°C (cSt)	ASTM D 445	4.4	5.4	6.7
Colour	ASTM D 156	<1.00	<1.00	<1.00
Flash Point, (°C)	ASTM D 93	170	190	192
Pour Point (°C)	ASTM D 97	-44	-38	-36
Density at 15 °C (kg/l)	ASTM D 1298	0.904	0.910	0.915