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**petroyağ**  
LUBRICANTS

## PETROFROST 22

### Description

**PETROFROST 22**, is formulated with specially tailored premium grade refined and processed naphthenic mineral oils, to provide reliable lubrication to and meet the requirements of a great many industrial and processing applications. It meets the specifications set by most of refrigeration equipment manufacturers. It has good chemical stability and suitable for cylinder and bearing lubrication.

### Properties Advantages

- Low pour point and excellent fluidity at very low temperatures.
- No waxing-out under low temperature conditions.
- Excellent chemical stability in presence of ammonia and fluorinated hydrocarbons.
- Excellent low temperature flow and heat transfer properties to provide optimum system efficiency.
- Minimized varnish and sludge formation.
- Extremely low water content with maximum corrosion protection and prevention of ice formation in the system.
- Long trouble-free service life.

### Application

- Industrial refrigeration equipment 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**

### Technical Properties

Property	Test Method	Value
Kinematic Viscosity at 40 °C, mm <sup>2</sup> /s	ASTM D 445	22.5
Kinematic Viscosity at 100 °C, mm <sup>2</sup> /s	ASTM D 445	3.8
Total Acid Number, mg KOH/g	ASTM D 974	0.02
Sulfated Ash, % wt.	ASTM D 480	<0.01
Water Content, ppm	ASTM D 6304	<50
Color	ASTM D 156	<1.5
Flash Point, °C	ASTM D 93	184
Pour Point, °C	ASTM D 97	-45
Density at 15 °C, kg/l	ASTM D 4052	0.903

*\* 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 modification is reserved.*

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#### Health & Safety

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet.

#### Packaging

180 kg drum, 850 kg IBC.

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