

Accurately together...

petroyağ
LUBRICANTS

PETROFROST WF SERIES

Description

PETROFROST SERIES lubricants are 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	46	68
Appearance	Visual	C&B	C&B
Density at 15 °C , kg/l	ASTM D 4052	0.903	0.905
Kinematic Viscosity at 40 °C, mm ² /s	ASTM D 445	46	69
Kinematic Viscosity at 100 °C, mm ² /s	ASTM D 445	5.7	7.2
Total Acid Number, mg KOH/g	ASTM D 974	0.02	0.02
Sulfated Ash, % wt.	ASTM D 480	<0.01	<0.01
Water Content, ppm	ASTM D 6304	<50	<50
Color, ASTM	ASTM D 1500	<1.0	1.0
Flash Point, °C	ASTM D 93	190	200
Pour Point, °C	ASTM D 97	-42	-39

** 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 steel drums.

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