

Opt-Max Refonix R 46, 68

REFRIGERATOR OIL

Opt-Max Refonix R 46, 68 are designed to lubricate and protect refrigeration compressor or system.



Product Description

Opt-Max Refonix R 46, 68, are premium quality refrigeration oil made from specially refined naphthenic wax-free base oils. They have low pour points, excellent fluidity and oxidation stability for use in very cold ambient temperatures. Opt-Max Refonix R 46, 68 are suitable for use with R12 and R22 refrigerants. (non-hydrofluorocarbon refrigerants)

Features and Benefits

- Very low pour point and excellent low temperature fluidity.
- Good wear and rust protection leading to longer equipment life.
- Low moisture content to prevent icing formation and corrosion of the refrigerant system.
- Good chemical and thermal stability.

Applications

- Suitable for use in industrial reciprocating and rotary refrigeration compressors.
- Marine refrigeration applications.
- Refer to the equipment manufacturer's recommendation for application use.
- **NOTE:** Opt-Max Refonix R 46, 68 are not suitable for use with HFC refrigerant systems using, such as R-134a.

Specifications

Product Properties		Refonix R 46	Refonix R 68	Testing Methods
ISO Viscosity Grade	-	46	68	-
Kinematic Viscosity (40°C)	mm ² /s	42.4	60.7	ASTM D445
Kinematic Viscosity (100°C)	mm ² /s	5.7	7.0	ASTM D445
Viscosity Index	-	59	59	ASTM D2270
Density at 15 °C	Kg/m ³	897.0	905.0	ASTM D4052
Flash Point (open)	°C	168	173	ASTM D92
Pour Point	°C	-42	-30	ASTM D97

* Above product properties are indicative and subject to change without prior notice

Storage and Handling

- All storage equipment, tanks, pipes, valves and etc. apparatus have to be cleaned thoroughly and inspected to be clean for use before transferring or transporting Opt-Max Refonix R 46, 68.
- Opt-Max Refonix R 46, 68 must be stored in dedicated storage tanks/equipment and it is recommended to be stored in an indoor controlled environment.
- Storage tanks/equipment must be waterproof, mist-proof and free from other mechanical particles.
- Opt-Max Refonix R 46, 68 must be clearly labelled properly during the entire transportation process to prevent the risk of mixing with other petrol-chemical product.

Health & Safety

Opt-Max Refonix R 46, 68 are unlikely to present any significant health or safety hazard when properly used in the recommended application. These products must always be handled with care, particularly avoiding skin contact. For further guidance on Product Health & Safety refer to the appropriate Opt-Max Refonix R 46, 68 Material Safety Data Sheet.