SINO S.O FRIGE OIL

Refrigerator Oil

Technical Data Sheet

Description

SINO S.O FRIGE Oil is a refined naphthenic compressor lubricant for refrigeration and air-conditioning systems. Its low pour and floc points support lubrication in cold conditions, while oxidation and chemical stability help limit sludge formation in service.

Good refrigerant miscibility, low wax content and electrical insulating properties help support clean refrigeration service in applications requiring stable lubricant behaviour.



Pack Size:

205 Ltr

Characteristics

- Low-temperature fluidity for refrigeration duty
- Resistance to oxidation and sludge formation
- Good miscibility with compatible refrigerants
- Electrical insulating properties
- Low wax content and moisture-free formulation

Application

For refrigeration and air-conditioning compressors using compatible halogenated refrigerants such as R12, R13, R22 and R502, or ammonia. Not intended for HFC refrigerants such as R134a or for breathing-air compressors.

Typical Specification

Property	Test Method	ISO VG 68
Kinematic Viscosity, cSt @ 40°C	ASTM D445	68
Kinematic Viscosity, cSt @ 100°C	ASTM D445	7.3
Viscosity Index	ASTM D2270	63
Flash Point (COC), °C	ASTM D92	195
Pour Point, °C	ASTM D97	-35
Floc Point, °C	—	-35

Handling & Storage

Store in a cool, dry, well-ventilated area, away from sunlight and excessive heat.
Keep containers tightly closed to prevent moisture and contamination.
Use clean, dry equipment; avoid mixing lubricants unless compatibility is confirmed.

Health & Safety Note

Observe standard industrial hygiene practices. Avoid prolonged skin contact and oil mist exposure.
Prevent spills and dispose of used oil in accordance with applicable regulations.
Refer to the product Safety Data Sheet (SDS) for detailed safety information.

Note

Due to continuous research and development, the above typical values are subject to change without notice. The information should not be regarded as a legally binding assurance of any properties or suitability for any particular application.