SINO S.O VACUUM PUMP OIL

Industrial Vacuum Pump Oil

Technical Data Sheet

Description

SINO S.O Vacuum Pump Oil is a specially dehydrated, mineral-based lubricant formulated with selected additives to meet the demanding lubrication requirements of low-vacuum pump operation.

With low vapour pressure, a high viscosity index and good oxidation stability, the oil helps limit vaporisation under reduced-pressure conditions while resisting sludge, lacquer and oxidation-related deposits. Its anti-rust properties, excellent demulsibility and filterability support effective lubrication and oil cleanliness.



Pack Size:

205 Ltr

Characteristics

- **Low Vapour Pressure:** Helps minimise oil vaporisation under reduced-pressure conditions.
- **Oxidation Stability:** Helps resist lubricant deterioration and deposit formation.
- **High Viscosity Index:** Reduces viscosity variation across changing operating temperatures.
- **Anti-Rust Protection:** Helps protect lubricated metal surfaces against rust.
- **Excellent Demulsibility:** Promotes effective separation of water from the oil.
- **Excellent Filterability:** Supports filtration and lubricant cleanliness.

Application

SINO S.O Vacuum Pump Oil is recommended for oil-lubricated low-vacuum pumps requiring compatible mineral-based lubricants. Available in ISO VG 32, ISO VG 68 and ISO VG 100 to suit different equipment viscosity requirements. Select the grade recommended by the pump manufacturer.

Typical Specification

Property	Test Method	ISO VG 32	ISO VG 68	ISO VG 100
Kinematic Viscosity @ 40°C (cSt)	ASTM D445	32	68	100
Kinematic Viscosity @ 100°C (cSt)	ASTM D445	5.6	9.0	11.7
Viscosity Index	ASTM D2270	114	107	105
Flash Point (COC), °C	ASTM D92	225	245	265
Pour Point, °C	ASTM D97	-15	-12	-9

Handling & Storage

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

Health & Safety Note

Observe standard industrial hygiene practices during handling and use. Avoid prolonged skin contact and unnecessary exposure to oil mist. Prevent spills and dispose of used lubricant 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.