

Dehydration anti-rust oil

● Performance Overview

Maxtop Dehydrating anti-rust oil is formulated with low-viscosity deeply refined lubricating oil as the basic raw material and a variety of functional additives. Water film replacement: Displaces residual moisture to prevent oxidation of the metal surface. Anti-rust performance, protective layer formation, the oil film closely adheres to the metal surface, inhibiting oxidation reactions. Moisture and heat resistance: Adaptable to high-humidity environments, providing medium and long-term rust protection. Anti-friction effect: Reduce friction between metal parts and improve the operational efficiency of equipment. Wide compatibility: Applicable to various metal materials such as cast iron, stainless steel, iron, zinc, and aluminum.

● Features

01

Rapidly remove moisture from metal surfaces : It can quickly react with moisture on the metal surface to form hydrates or expel moisture to prevent corrosion caused by moisture.

02

anti- emulsification ability: It is not easy to emulsify when in contact with water for a long time, thus ensuring the stability of the anti-rust additive . And it has super oil-water separation.

03

Excellent anti-rust performance: while removing moisture, it forms a protective film on the metal surface to prevent rust.

04

Low Viscosity: Typically has lower viscosity, facilitating even distribution and penetration on metal surfaces , with less oil carryover.



● Application Scenario

- 1: Metal processing
Steel parts processing, precision parts manufacturing
- 2: Mechanical manufacturing
Rust prevention between processes and equipment maintenance
- 3: Auto parts
Engine components, body sheet metal
- 4: Aerospace
Precision instruments, alloy components
- 5; Shipbuilding
Hull structure, piping system
- 6: Warehousing and logistics
Transportation and long-term storage of metal products

Dehydration anti-rust oil performance indicators

Project		Quality indicators
		MTTWAR3-483
Kinematic viscosity (40°C) / (mm ² / s)	not more than	2.98
Pour point, °C	not higher than	-30
Flash point (open)/°C	not less than	70
Density (15°C) (kg/m ³)		827
Salt spray test, h	not less than	48
3-minute dehydration rate, %	not less than	90



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