

Long-lasting All-weather Anti-rust Wax RP500

Product Introduction

RP500 Long-lasting All-weather Anti-rust Wax is a high-performance solvent-based anti-rust wax formulated with advanced rust-preventive compounds, refined compound waxes, and petroleum alkanes. Upon application, it forms a dense, flexible, and strongly adherent wax film that provides exceptional long-lasting corrosion protection by effectively sealing out moisture, oxygen, and salt spray in all weather conditions. Whether used for indoor and outdoor metal rust prevention, long-term machinery protection, high-humidity marine transportation, or safe parts storage in warehouses, RP500 delivers reliable and durable anti-rust performance across a wide range of metal substrates including steel, cast iron, and galvanized surfaces.

Physical and Chemical Properties

Testing Item	Test Method	Specification
Color	Visual	Brownish-yellow viscous liquid
Flash Point (closed cup), °C	GB/T3536	≥45
High-temperature creep resistance (80°C, 24h), mm	SH/T0942	≤2
Low-temperature flexibility (-35°C, 8h)	SH/T0942	No peeling or cracking
Rust prevention (humidity), h	GB/T2361	≥1000
Rust prevention (salt spray), h	SH/T0081	≥1000

Product Features

1. Excellent salt spray and humidity resistance, long anti-rust duration.
Provides outstanding corrosion protection in high-moisture and salty environments, ensuring long-lasting anti-rust performance for marine transportation, machinery protection, and parts storage.
2. Wide application range: after film formation, the wax film does not drip at 80°C, and shows no peeling or cracking at -35°C.
Delivers reliable all-weather protection across extreme temperatures, suitable for both indoor and outdoor metal rust prevention without film failure.
3. Easy to spray, good workability.
Designed for smooth, clog-free application on complex metal surfaces, improving efficiency for production lines and field maintenance.

Packaging Specifications

- 18L/drum ● 200L/drum (or customized according to customer requirements).