

RLT-P40 Rust Preventative Oil

Product Description:

RLT-P40 is a volatile film rust preventative oil. It features outstanding water displacement performance and mild odor, with reliable barrier protection against salt mist. After the solvent volatilizes, a thin oil film remains on metal surfaces to deliver superior long-term rust inhibition. Workpieces treated with this product can achieve up to 18 months of indoor anti-rust protection.

Physical and Chemical Properties:

Test Item	Test Method	Quality Index
Appearance	Visual inspection	transparency liquid
Open Cup Flash Point, °C	GB/T3536	>78
Specific Gravity(15/4 °C)		0.8
Film State after Drying	SH/T 0063	Oily film
Corrosion test (copper, 100 °C, 3h), ≤2 grade	GB/T5096	Qualified
Salt spray test (45# steel sheet)	SH/T0081	More than 24h, Qualified
Kinematic Viscosity (40 °C, cSt)		2.4
Damp Heat Resistance Test, h	SH/T0081	120

Application Scope:

Suitable for indoor and outdoor anti-rust protection of various mechanical parts, as well as packaging rust prevention for metal finished products.

Operation Instructions:

- Clean and fully dry workpieces first, then coat the oil at ambient temperature via immersion, brushing or spraying.
- Treated components can be directly assembled after unpacking without degreasing treatment.
- Precision parts shall be sealed after oil coating to avoid dust contamination on the surface oil film.

Precautions:

- Operate under normal temperature; keep far away from open flames to avoid fire hazards.
- Cover the oil tank tightly when not in use to prevent liquid contamination.
- Metal workpieces must be thoroughly cleaned and dehydrated before contacting this product.

Disclaimer:

All data listed in this technical data sheet are typical test values obtained under standard laboratory test conditions, for reference only. Actual anti-rust performance varies with workpiece material, surface pretreatment, construction method and storage environment. Users shall conduct small batch trial tests before mass application.