

ANTIRUST TERAMI LS-PM

Solvent-diluting and Petrolatum-based Oil for Long-Term Rust Prevention

ANTIRUST TERAMI LS-PM is a solvent-diluted rust preventive oil. It is effectively blended with highly refined base oil and carefully selected rust inhibitors. A non-volatile material (petrolatum) is diluted and dispersed in petroleum-based solvents to protect the metal surface from the outside air. **ANTIRUST TERAMI LS-PM** is superior in workability compared to general petrolatum type rust preventive oil (NP-6) in addition to rust prevention and oxidation stability. **ANTIRUST TERAMI LS-PM** is an environmentally friendly rust preventive oil. Because it does not contain barium-based additives and does not fall under the "Ordinance on the Prevention of Organic Solvent Poisoning".

● SPECIAL FEATURES

1. Excellent Rust Prevention

ANTIRUST TERAMI LS-PM forms petrolatum-like soft film after the solvent evaporates, and exhibits excellent rust prevention performance. In particular, it is suitable for conditions with large temperature differences and condensation.

2. Low Risk of Fire

ANTIRUST TERAMI LS-PM has a high flash point of 96°C although it contains solvents. So it can be used with low risk of fire.

3. Excellent wiping properties

The anti-rust coating film of **ANTIRUST TERAMI LS-PM** is soft, so it is easy to wipe off when removing.

4. Superior Metal Corrosion Prevention

A wide range of metals are used in bearing retainers, so **ANTIRUST TERAMI LS-PM** contains metal deactivators to prevent corrosion to many types of metals.

5. Excellent Oxidation Stability for Long-Term Soft Film

If a rust preventive film degrades and hardens, the film may crack, resulting in rust formation on the metal surface. Thanks to **ANTIRUST TERAMI LS-PM**'s excellent oxidation stability, it inhibits film hardening

for long term.

6. Good for the Ecology

ANTIRUST TERAMI LS-PM is an environmentally-friendly product due to barium-free type.

● APPLICATIONS

For long-term rust prevention of bearing parts, precision machine parts, large machine parts, molds, storage ship parts, etc.

● COATING METHODS

Please use it after stirring thoroughly.

Immersion, brushing, spraying*

*: Since **ANTIRUST TERAMI LS-PM** contains a large amount of petrolatum, its viscosity will increase significantly in winter, etc., making spray application impossible.

● CONTAINERS

200-liter drum and 20-liter can

■ PRECAUTIONS FOR STORAGE

ANTIRUST TERAMI LS-PM, when exposed to high temperatures (50°C or higher) for a long period of time, will not exhibit a good dispersion state of non-volatile materials even at room temperature, and will tend to cause separation. If you leave it in a cold place in winter, the oil film strengthener may separate and precipitate, so please store it indoors.

● Typical Properties of ANTIRUST TERAMI LS-PM

Appearance			Light brown, opaque
Density	(15°C)	g/cm ³	0.841
Flash point	(PM)	°C	96
Apparent viscosity	(25°C)	mPa·s	28
Film thickness	(Approx.)	μm	5-20
Water displacement	(JIS K2246 6.29)		Passed
Humidity cabinet test	(Class A holding time)	h	> 1,200
Salt spray test	(Class A holding time)	h	> 96
Protection	(Indoors)	months	12

Note: The typical properties may be changed without notice. (February 2023).



Handling Precautions

▼ Follow these precautions when handling this product.

Composition :	Base Oil(s), Additives
Hazard pictograms:	
Signal word:	Danger
Hazard Statement:	Combustible liquid Causes serious eye irritation May be fatal if swallowed and enters airways Harmful to aquatic life Harmful to aquatic life with long lasting effects
Precautionary Statements: Prevention	<ul style="list-style-type: none">• Do not handle until all safety precautions have been read and understood.• Wear protective gloves/protective clothing/eye protection/face protection.• Do not allow the eyes to become exposed to the product. Do not swallow the product.• Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.• Avoid release to the environment.• Wash hands thoroughly after handling.• Do not eat, drink or smoke when using this product.
Response	<ul style="list-style-type: none">• IF SWALLOWED: Immediately call a POISON CENTER/doctor.• IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.• If the eyes are exposed to the product: Rinse the eyes with plenty of running water and immediately contact a physician.• IF ON SKIN: Wash with plenty of soap and water.• IF IN EYES: Rinse cautiously with water for several minutes.• Remove contact lenses, if present and easy to do. Continue rinsing.• If eye irritation persists: Get medical advice/attention.• Do NOT induce vomiting.
Storage	<ul style="list-style-type: none">• The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight.• Containers that have been opened must be tightly sealed.• Store in a well ventilated place.• Store locked up.
Disposal	<ul style="list-style-type: none">• Dispose of contents/container in accordance with local/regional/national/international regulations.• If there are any doubts about proper methods of handling the product, contact the point of purchase before proceeding with usage.