

ANTIRUST TERAMI LS-PH

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

ANTIRUST TERAMI LS-PH 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-PH** 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-PH 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. Excellent coating and wiping properties

ANTIRUST TERAMI LS-PH becomes liquid when heated to about 40 ° C, so it can be applied by spraying. In addition, the anti-rust coating film of **ANTIRUST TERAMI LS-PH** is soft, so it is easy to wipe off when removing.

3. Excellent anti-corrosion property against non-ferrous metals

ANTIRUST TERAMI LS-PH exhibits excellent anti-corrosion property against non-ferrous metals such as brass, copper, aluminum and zinc.

4. Non-solidified coating film

When the anticorrosive film becomes hard, the film cracks and becomes rusty or loses lubricity. The coating film of **ANTIRUST TERAMI LS-PH** is not hard and has excellent oxidative stability, which prevents corrosion of the coating.

● APPLICATIONS

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

● COATING METHODS

Immersion, brushing, spraying(Note)

(Note) Since **ANTIRUST TERAMI LS-PH** contains a large amount of petrolatum, its viscosity will increase significantly in winter, etc., making spray application impossible. When applying by spraying, heat oil to about 40 ° C before use.

● CONTAINERS

20-liter cans

● PRECAUTIONS FOR STORAGE

ANTIRUST TERAMI LS-PH, 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.

If it is stored for a long period of time, the oil film strengthening agent may separate. In such a case, please use it after stirring thoroughly.

● **Typical Properties of ANTIRUST TERAMI LS-PH**

Appearance			Light brown, opaque
Density	(15°C)	g/cm ³	0.872
Flash point	(COC)	°C	101
Apparent viscosity	(25°C)	mPa·s	32,500
Film thickness	(Approx.)	μm	30-40
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 2020).



Handling Precautions

▼ Follow these precautions when handling this product.

Composition :	Base Oil(s), Additives
Precautionary pictograms:	Not applicable
Signal word:	Warning
Hazard Statement:	Combustible liquid
Precautionary Statements:	<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/sparks/open flames/hot surfaces – No smoking • Use explosion-proof electrical/ventilating/lighting/equipment. • Ground/bond container and receiving equipment. • Wash hands thoroughly after handling. • Do not eat, drink or smoke when using this product.
Prevention	
Response	<ul style="list-style-type: none"> • IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. • 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. • In case of fire: Use suitable extinguishing media for extinction.
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. Keep cool.
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.