

ANTIRUST TERAMI LS-PH

Barium-free Solvent-diluting Long-term Rust Preventive Oil (Petrolatum-dispersed, rust prevention performance reinforced type)

ANTIRUST TERAMI LS-PH is a solvent-diluting 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". Since it becomes semi-solid (grease-like) at 25°C, it is classified as a flammable solid under the Fire Service Act in Japan.

● SPECIAL FEATURES

1. Excellent Rust Prevention

ANTIRUST TERAMI LS-PH forms a 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 a high likelihood of condensation.

2. Classified as a Flammable Solid

ANTIRUST TERAMI LS-PH is classified as a flammable solid under the Fire Service Act in Japan because it becomes semi-solid (grease-like) at 25°C.

3. Excellent Coating and Wiping Properties

ANTIRUST TERAMI LS-PH becomes liquid when heated to about 40°C, making it possible to apply by spraying. In addition, the rust preventive coating film of ANTIRUST TERAMI LS-PH is soft, making it easy to wipe off when removing.

4. Excellent Anti-Corrosion Property for Non-Ferrous Metals

ANTIRUST TERAMI LS-PH exhibits excellent anti-corrosion properties for non-ferrous metals such as brass, copper,

aluminum, and zinc.

5. Non-Solidifying Coating Film

When the rust preventive coating film becomes hard, it can display cracks and cause rust or lose its lubricity. The coating film of ANTIRUST TERAMI LS-PH does not harden and has excellent oxidation stability, which prevents corrosion within the film.

● APPLICATIONS

For long-term rust prevention of bearing parts, precision machinery parts, large machinery 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 and other cold conditions, making spray application difficult. When applying by spraying, heat the oil to about 40°C before use.

● CONTAINERS

20-liter pail can

● STORAGE PRECAUTIONS

When **ANTIRUST TERAMI LS-PH** is exposed to high temperatures (50°C or higher) for a long period of time, it will not exhibit a good dispersion state of non-volatile materials even when returned to room temperature, and will tend to cause separation. Additionally, if it is left in a cold place during winter, the oil film strengthening agent may separate and precipitate, so please store it indoors. Furthermore, if it is stored for a long period of time, the oil film strengthening agent may separate. In such a case, please stir thoroughly before use.

● TYPICAL PROPERTIES OF ANTIRUST TERAMI LS-PH

Appearance			Brown, Semi solid
Density	(15°C)	g/cm ³	0.873
Apparent viscosity	(25°C)	mPa·s	34,500
Flash point	(PM)	°C	103
Water displacement			Pass
Humidity cabinet test	(Class A holding time)	h	> 1,200
Salt spray test	(Class A holding time)	h	> 96
Rust protection	(Indoors)	months	12
Film thickness	(Approx.)	μm	30-40

Note: The typical properties may be changed without notice. (May 2024).



Handling Precautions

▼ Follow these precautions when handling this product.

Composition :	Base Oil(s), Additives
Hazard pictograms:	
Signal word:	Warning
Hazard Statement:	Causes serious eye irritation Harmful to aquatic life Harmful to aquatic life with long lasting effects
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.• Avoid release to the environment.• 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/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.
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.
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.