

ANTIRUST TERAMI LS-P

Barium-free Solvent-diluting Long-term Rust Preventive Oil (Petrolatum-dispersed type)

ANTIRUST TERAMI LS-P is a barium-free, solvent-diluting, long-term rust preventive oil with petrolatum-dispersed type, developed based on years of research and experience. **ANTIRUST TERAMI LS-P** offers superior rust prevention and oxidation stability, and it is also superior in workability compared to common petrolatum-based rust preventive oils.

Many rust preventive oils contain barium-based rust inhibitors. However, there are concerns about the impact of certain barium compounds on human health, even though they differ from these compounds. As a result, some regions (countries and states) in Europe and the United States are moving to strengthen regulations on barium and barium compounds. Additionally, in export-oriented industries, there is a trend to voluntarily limit the use of barium-based rust preventive oils. **ANTIRUST TERAMI LS-P** offers rust prevention performance equivalent to traditional barium-based rust preventive oils, making it a reliable choice for rust prevention of export products and parts. **ANTIRUST TERAMI LS-P** is classified as NP-3-1 under JIS (Japanese Industrial Standards) K 2246.

● SPECIAL FEATURES

1. Excellent Rust Prevention

ANTIRUST TERAMI LS-P is formulated with carefully selected petrolatum, rust inhibitors and solvent. After the solvent has evaporated, **ANTIRUST TERAMI LS-P** forms a thin, soft semi-solid coating and exhibits excellent long-term rust prevention performance with a synergy effect by rust inhibitors.

2. High Flash Point

Although **ANTIRUST TERAMI LS-P** is a solvent-diluting rust preventive oil, it has a relatively high flash point.

3. Superior Metal Corrosion Prevention

ANTIRUST TERAMI LS-P contains additives that are designed to prevent metal corrosion, making it suitable for use on steel products that incorporate non-ferrous metals, such as bearings.

4. Excellent Oxidation Stability

If a rust preventive film hardens by degradation, the film may display cracks, resulting in decreasing rust prevention performance. Thanks to **ANTIRUST TERAMI LS-P**'s excellent oxidation stability, it suppresses film hardening for a long period.

5. Environmentally Friendly

ANTIRUST TERAMI LS-P does not contain barium-based additives, making it highly compatible with environmental standards.

● APPLICATIONS

For various machine parts and precision components

● COATING METHOD

Immersion, Spraying, Brushing

● CONTAINERS

200-liter drum and 20-liter pail can

● STORAGE PRECAUTIONS

Store this oil indoors whenever possible. If left in cold places, such as during winter, some of the additive components may occasionally precipitate. If any precipitates from the additives are observed, please stir the oil at room temperature before use.

● TYPICAL PROPERTIES OF ANTIRUST TERAMI LS-P


Appearance			Tan, Opaque liquid
Density	(15°C)	g/cm ³	0.834
Apparent viscosity	(25°C)	mPa·s	12.8
Flash point	(PM)	°C	80
Water displacement		h	Pass
Metal strip corrosion		h	Pass
Humidity cabinet test	(Class A holding time)	h	> 1,200
Salt spray test	(Class A holding time)	h	> 72
Rust protection	(Indoors)	months	6
Type of coating			Non dry and transparent film
Film thickness		μm	8

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:	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.