

# ANTIRUST TERAMI LS-H

## Barium-Free Solvent-Diluting Long-Term Rust Preventive Oil (High-Viscosity Type)

**ANTIRUST TERAMI LS-H** is a barium-free, solvent-diluting long-term rust preventive oil, developed based on years of research and experience. **ANTIRUST TERAMI LS-H** does not contain petrolatum, which can cause stickiness, making it highly user-friendly. 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-H** 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-H** is classified as NP-3-2 under JIS (Japanese Industrial Standards) K 2246.

### ● SPECIAL FEATURES

#### 1. Excellent Rust Prevention

**ANTIRUST TERAMI LS-H** provides superior rust protection due to the carefully selected mineral oil and rust inhibitors.

#### 2. High Flash Point

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

#### 3. Easy Removal Capability

The film of **ANTIRUST TERAMI LS-H** can be easily removed using organic solvents or alkaline cleaning solutions.

#### 4. Excellent Workability

**ANTIRUST TERAMI LS-H** does not contain petrolatum, reducing stickiness and making it easier to filter foreign substances in applications involving precision parts. It is also ideal for efficient coating methods such as dipping and spraying, potentially reducing consumption.

#### 5. Environmentally Friendly

**ANTIRUST TERAMI LS-H** 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

## ● TYPICAL PROPERTIES OF ANTIRUST TERAMI LS-H

Color	(ASTM)		L4.0
Density	(15°C)	g/cm <sup>3</sup>	0.859
Kinematic viscosity	(40°C)	mm <sup>2</sup> /s	12.9
Flash point	(PM)	°C	83
Water displacement			Pass
Metal strip corrosion	(JIS K2246 NP-3-2)		Pass
Humidity cabinet test	(Class A holding time)	h	> 1,000
Salt spray test	(Class A holding time)	h	> 24
Rust protection	(Indoors)	months	6
Type of coating			Non dry and transparent film
Film thickness	(Approx.)	μm	4.5

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



## Handling Precautions

▼ Follow these precautions when handling this product.

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