

# ANTIRUST TERAMI LN

## Barium-Free Lubricating Oil Type Long-Term Rust Preventive Oil

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ANTIRUST TERAMI LN is a barium-free, long-term rust preventive oil, developed based on years of research and experience. ANTIRUST TERAMI LN 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 LN offers rust prevention performance equivalent to conventional barium-based rust preventive oils, making it a reliable choice for rust prevention of export products and parts. ANTIRUST TERAMI LN is classified as NP-9 under JIS (Japanese Industrial Standards) K 2246.

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### ● SPECIAL FEATURES

#### 1. Excellent Rust Prevention

ANTIRUST TERAMI LN provides superior rust protection due to the carefully selected mineral oil and rust inhibitors.

#### 2. High Flash Point

As a lubricating oil type, ANTIRUST TERAMI LN has a high flash point.

#### 3. Easy Removal Capability

The film of ANTIRUST TERAMI LN can be easily removed using organic solvents or alkaline cleaning solutions.

#### 4. Excellent Workability

ANTIRUST TERAMI LN does not contain petrolatum, reducing stickiness and making it easier to filter out 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 LN does not contain barium-based additives, making it highly compatible with environmental standards.

### ● APPLICATIONS

For various machine parts and precision components

### ● COATING METHODS

Immersion, Spraying, Brushing

### ● CONTAINERS

200-liter drum and 20-liter pail can

### ● STORAGE PRECAUTIONS

Whenever possible, store this oil indoors. If left in cold places, such as during winter, some additives may occasionally precipitate and cause cloudiness. If cloudiness or separation occurs, stir the oil at room temperature before use.

## ● TYPICAL PROPERTIES OF ANTIRUST TERAMI LN


Appearance			Brown Liquid
Color	(ASTM)		L4.0
Density	(15°C)	g/cm <sup>3</sup>	0.859
Kinematic viscosity	(40°C)	mm <sup>2</sup> /s	12.2
Flash point	(COC)	°C	162
Water displacement			Pass
Metal strip corrosion			Pass
Humidity cabinet test	(Class A holding time)	h	>1200
Salt spray test	(Class A holding time)	h	48
Rust protection	(Indoors)	months	6
Type of coating			Non-dry and transparent film
Film thickness		μm	4.0

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>	Causes skin irritation Causes serious eye irritation May cause an allergic skin reaction Causes damage to organs (respiratory apparatus) 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>• Avoid release to the environment.</li><li>• Contaminated work clothing should not be allowed out of the workplace.</li><li>• Do not breathe dust/fume/gas/mist/vapours/spray.</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>• If skin irritation or a rash occurs: Get medical advice/attention.</li><li>• IF IN EYES: Rinse cautiously with water for several minutes.</li><li>• Remove contact lenses, if present and easy to do. Continue rinsing.</li><li>• If eye irritation persists: Get medical advice/attention.</li><li>• Do NOT induce vomiting.</li><li>• Take off contaminated clothing and wash it before reuse.</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 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>