

IND-5521-0909E

ANTIRUST TERAMI LS-F

Barium-free long-term solvent-diluting fingerprint-removal rust preventive oil

ANTIRUST TERAMI LS-F is a barium-free, solvent-diluting long term rust preventive oil with fingerprint-removal property. It is not sticky because petrolatum is not contained and excellent in the working efficiency. Barium-based additives, which are non-regulated barium compounds, are widely used for many rust preventive oils. However, the influence of specific barium compounds on person is apprehended recently, which will be regulated especially in U.S.A. and Europe. ANTIRUST TERAMI LS-F provides a performance of the same level as the conventional barium-type rust preventive oils and can be used for the cleaning of export parts, etc. and long term rust prevention.

●SPECIAL FEATURES

1. Superior Rust Prevention

ANTIRUST TERAMI LS-F provides excellent protection from rust due to a blend of high quality base oil with the most suitable additives.

2. Low Risk of Fire

ANTIRUST TERAMI LS-F has a high flash point although it contains solvents. So it can be used with low risk of fire.

3. Good Removal

Film of ANTIRUST TERAMI LS-F is easily removed with organic solvents or alkaline detergents.

4. Excellent Fingerprint-Removal Characteristics

(1) Since ANTIRUST TERAMI LS-F has long-term rust prevention characteristics and fingerprint removal characteristics, you can unify the washing process aiming at fingerprint removal of the parts etc. which are treated with bare hands, and the long-term corrosion-proof treatment process before shipping.

(2) ANTIRUST TERAMI LS-F is effective to remove the rust generated by fingerprint in the case of other fingerprint-removal rust preventive oil or long-term rust preventive oil was applied.

5. Easy to Use

(1) Rust preventive oils containing metal will generate deposit or blockage after the heat treatment of the parts or sintered metal parts which have pores. ANTIRUST TERAMI LS-F, which is no ash oil, does not cause such a problem.

(2) ANTIRUST TERAMI LS-F is most suitable for cleaning of precision parts without stickiness because petrolatum is not contained. Moreover, it is easy to pass through a filter for the purpose of the removal of extraneous solids.

6. Good for the Ecology

ANTIRUST TERAMI LS-F is an environmentally-friendly product due to barium-free type.

●APPLICATIONS

Machine parts, precision instrument parts, etc.
(steel products)

●COATING METHOD

Immersion, spraying, brushing

●CONTAINERS

200-liter drums, 20-liter pail cans

●TYPICAL PROPERTIES of ANTIRUST TERAMI LS-F

Color	(ASTM)		L2.0
Density	(15°C)	g/cm ³	0.84
Flash point	(COC)	°C	84
Viscosity	(40°C)	mm ² /s	4.9
Water displacement(JIS K2246)			Pass
Metal strip corrosion(JIS K2246 NP-0)			Pass
Humidity cabinet test	(Class A holding time)	h	>1,000
Salt spray test	(Class A holding time)	h	> 48
Protection	(Indoors)	months	6
Type of film			Semi-dry and transparent film
Film thickness		μm	3

Note: The typical properties may be changed without notice (September 2009).



Handling Precautions

▼ Follow these precautions when handling this product.

<p>! CAUTION</p> <p>Handling Precautions</p>	<ul style="list-style-type: none">● <u>Inflammation can occur if oil enters the eyes.</u> When handling this oil, wear <u>protective goggles</u> or take other measures to <u>prevent eye contact</u>.● <u>Inflammation can occur if oil comes into contact with skin.</u> When handling this oil, wear <u>protective gloves</u> or take other measures to <u>prevent skin contact</u>.● <u>The inhalation of mist may cause discomfort.</u> When handling this oil, wear a <u>respirator</u> or take other measures to <u>prevent mist inhalation</u>.● Do not drink this oil. (Swallowing this oil can cause diarrhea and nausea.)● It is possible to cut your hands when opening the container. Wear <u>protective gloves</u>.● <u>Keep out of reach of children.</u>● Read the Safety Data Sheet (SDS) for this product before using the product. Obtain the SDS from where you purchased the product.
<p>First Aid</p>	<ul style="list-style-type: none">● In case of eye contact, rinse eyes thoroughly with clean water and consult with a physician.● In case of skin contact, wash skin thoroughly with soap and water.● If mist is inhaled, move the person to a location with fresh air, wrap the person in a blanket, keep the person warm and quiet, and consult with a physician.● If this oil is swallowed, do not induce vomiting. Consult with a physician immediately.
<p>Disposal of Used Oil and Containers</p>	<ul style="list-style-type: none">● Do not apply pressure to empty containers. The containers may burst if pressure is applied.● Do not weld, heat, drill, or cut the containers. The remaining oil may ignite and the containers may explode.● Follow all applicable laws and regulations when disposing of used oil or containers. If you are unsure of the proper disposal methods, consult first with the seller of the oil.
<p>Storage Method</p>	<p>Seal the container tightly after use in order to prevent dirt, moisture, etc., from entering the oil. Store in a dark location. Avoid direct sunlight.</p>