

ANTIRUST TERAMI SC-W

Barium-free Solvent-diluting Cleaning and Intermediate Rust Preventive Oil (Water Displacement Type)

ANTIRUST TERAMI SC-W is a barium-free cleaning and intermediate rust preventive oil with enhanced water displacement performance developed based on years of research and experience. **ANTIRUST TERAMI SC-W** excels not only in cleaning and removing pre-process oils and foreign substances, but also in removing water that remains when water-soluble cutting fluids or cleaning fluids are used in the previous process.

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 SC-W** offers rust prevention performance equivalent to conventional barium-based rust preventive oils, making it a reliable choice for cleaning and intermediate rust prevention of export parts. **ANTIRUST TERAMI SC-W** is classified as NP-3-2 under JIS (Japanese Industrial Standards) K 2246.

● SPECIAL FEATURES

1. Excellent Water Displacement Property

ANTIRUST TERAMI SC-W excels in removing residual water from metal processing parts, especially when water-soluble cutting fluids or cleaning fluids are used in the previous process. When used for the purpose of water removal, the immersion method is effective, while brushing and spraying provide much less effective water removal.

2. Excellent Rust Prevention

ANTIRUST TERAMI SC-W provides excellent rust prevention due to the carefully selected mineral oil and rust inhibitors.

3. High Flash Point

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

4. Easy Removal Capability

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

5. Excellent Workability

ANTIRUST TERAMI SC-W does not contain film-forming agents like wax, making it ideal for cleaning precision parts to remove foreign substances. Additionally, it is easy to filter.

6. Environmentally Friendly

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

● APPLICATIONS

For various machine parts and precision components

● CLEANING AND COATING METHOD

Immersion

● CONTAINERS

200-liter drum and 20-liter pail can

● STORAGE PRECAUTIONS

Whenever possible, store this oil indoors. If left in a cold place, 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 SC-W


Appearance			Light yellow liquid
Color	(ASTM)		L0.5
Density	(15°C)	g/cm ³	0.804
Kinematic viscosity	(40°C)	mm ² /s	1.89
Flash point	(PM)	°C	79
Water displacement			Pass
Humidity cabinet test	(Class A holding time)	h	>720
Rust protection	(Indoors)	weeks	2
Type of coating			Semi-dry and transparent film
Film thickness		μm	<1.0

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 skin irritation Causes serious eye irritation Suspected of causing genetic defects May cause damage to organs (skin) through prolonged or repeated exposure May be fatal if swallowed and enters airways Harmful to aquatic life
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.• Obtain special instructions before use.• Do not breathe dust/fume/gas/mist/vapours/spray.• 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 exposed or concerned: Get medical advice/attention.• Get medical advice/attention if you feel unwell.• If skin irritation occurs : Get medical advice/attention.• 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.• Take off contaminated clothing and wash it before reuse.
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.