

ANTIRUST P-1920

Long-Term Wax Film Type Rust Preventive Oil

When steel products are stored indoors for long periods or outdoors, they require a rust preventive oil that forms an exceptionally strong protective coating. **ANTIRUST P-1920** leaves a translucent wax film that has relatively little stickiness, so it is the ideal oil for machinery and components that are stored outdoors or shipped overseas.

ANTIRUST P-1920 delivers both excellent cold resistance and good coating protection at high temperatures. It corresponds to NP-19 of the Japanese Industrial Standards (JIS).

● SPECIAL FEATURES

1. Excellent Rust Prevention

After the solvent in **ANTIRUST P-1920** has evaporated and dried, a translucent wax coating forms to provide long-term antirust protection.

2. Superior Protection at Both High and Low Temperatures

ANTIRUST P-1920 coatings continue to deliver good impact resistance even at temperatures as low as -20°C, and coatings on vertical surfaces maintain their evenness and will not run even at 130°C (film thickness:100µm). These features ensure excellent antirust protection.

3. Thixotropic Fluid

ANTIRUST P-1920 decreases in viscosity when agitated or shaken.

● APPLICATIONS

Exported machinery, machine parts and other steel products that are stored either indoors for long periods or outdoors.

● COATING METHODS

Brushing (works best when well agitated or heated to 30-40°C), spraying (airless type at 30-80kg/cm²).

● CONTAINERS

180kg drums, 20L pail cans

● Typical Properties of ANTIRUST P-1920

Appearance		Dark brown liquid
Color	(ASTM)	L4.0
Density	(20°C) g/cm ³	0.830
Flash point	(PM) °C	48
Apparent viscosity	(20°C) mPa·s	43,000
Salt water spray test	(50µm, Class A holding time) hours	> 500
Heat resistance	(130°C, 20min, vertical surface at 100µm film thickness)	No running
Water resistance	(40°C, 5days)	Normal
Cold temperature bending	(-20°C, applied to φ20mm mandrel)	No breaking
Protection	(Outdoors) months (Indoors) years	6 2
Type of film		Dry translucent film
Film thickness	(Approx.) µm	>50

Note: The typical properties may be changed without notice. (August 2014).

● STORAGE PRECAUTIONS

When kept outdoors during the winter or in other cold locations, this oil's viscosity will increase and its effectiveness will drop. If it is kept outdoors in the summer or in other warm locations, the expansion of its solvents can cause the cans to swell; when oil is used, the changes in viscosity and the generation of solvent vapor can also cause a drop in the oil's effectiveness. Therefore, store this oil in an indoor location where it will be exposed to as little temperature variation as possible.



Handling Precautions

▼ Follow these precautions when handling this product.

Composition :	Base Oil, Additives
Precautionary pictograms:	
Signal word:	Danger
Hazard Statement:	Flammable liquid and vapour Causes serious eye irritation Suspected of causing genetic defects May be fatal if swallowed and enters airways
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/sparks/open flames/hot surfaces – No smoking.• Use explosion-proof electrical/ventilating/lighting/equipment.• Ground/bond container and receiving equipment.• Use only non-sparking tools.• Take precautionary measures against static discharge.• 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 or doctor/physician.• 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 ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.• IF IN EYES: Rinse continuously with water for several minutes.• Remove contact lenses if present and easy to do. Continue rinsing.• Do NOT induce vomiting.• In case of fire: Use suitable extinguishing media for extinction.
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.• Keep container tightly closed.• Store in a well ventilated place. Keep cool.• 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.