

# RUST COATS 10 / 60 / 100 / 2000

## GENERAL DESCRIPTION

Hangsterfer's Rust Coats are general purpose; oil based rust inhibitors designed for use in a variety of applications. With their range of viscosities, Hangsterfer's Rust Coats can be used for both short and long term protection on parts, as an additive in cutting oils or to flush and protect your machine tool when changing oils. Rust Coats are formulated for use on all metals. Their non-hazardous formulation provides for a safe workplace environment and easy waste disposal.

## APPLICATION

**RC 10** - This lightweight, semi-evaporative oil can be applied by spray, dip or brush to provide good short term, up to 4 weeks of rust protection, for parts between machining operations and prior to assembly. With its low viscosity and inherent cleaning properties, Rust Coat 10 is ideal for protecting machine tools from flash rusting after cleaning.

**RC 60** - A medium weight rust inhibitor, Rust Coat 60 provides excellent protection, 3-6 months, for parts in storage and during shipment. Rust Coat 60 can also be used to provide straight cutting oils with added corrosion protection.

**RC 100** - Slightly heavier than Rust Coat 60, Rust Coat 100 is capable of protecting parts from rust and corrosion when stored indoors in very humid conditions for up to 6-12 months. It is also very effective when there is a wide variance in storage temperatures.

**RC 2000** - A heavy-duty rust inhibitor, Rust Coat 2000 provides excellent corrosion protection for parts in long-term storage, either inside or outside. A shelf life of 9-18 months or longer can be expected. It leaves a heavy protective film.

## MAINTENANCE

When in use it is important to keep the Rust Coats free of solvents, cleaners, water and metal particulate, which may interfere with the products performance. When used in a dip tank, any oils or solids carried into the Rust Coat from the parts should be filtered out on a regular basis. All products should be stored in a sealed container, in a cool, dry place.

## CLEANING

Rust Coat 10 is an evaporative product, leaving little to no residue on the parts. All other Rust Coats are formulated to leave only enough of the required protective film to accomplish the task. The residue can be easily removed in either an aqueous or solvent wash system. Rust Coat 2000 cannot be removed with aqueous cleaners as it is intended for outside storage.

<b>PRODUCT CHARACTERISTICS</b>				
Rust Coats	10	60	100	2000
Form	Liquid	Liquid	Liquid	Liquid
Color	Amber	Amber	Amber	Amber
Odor	Mild	Mild	Mild	Mild
Specific Gravity	0.78	0.88	0.89	0.93
Viscosity: SUS @ 100°F	36	70	110	1,740
cSt @ 40°C	3	13	23	375
Flash Point, COC, °F/°C	230 / 112	380 / 193	340 / 171	470 / 243
Fire Point, COC, °F/°C	240 / 115	390 / 198	360 / 182	495 / 257
Pour Point, °F/°C	<0 / -18	<0 / -18	<0 / -18	<0 / -18
Solubility in Water	0.01%	0.01%	<0.01%	<0.01%
Boiling Point, °F/°C	>284 / 140	>392 / 200	>392 / 200	>392 / 200
Vapor Pressure, mm Hg @ 25°	<0.01	<0.01	<0.01	<0.01
pH @ 10%	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Sulfur, Active	0.0%	0.0%	0.0%	0.0%
*Chlorine	0.0%	0.0%	0.0%	0.0%
Phosphorus	0.0%	0.0%	0.0%	0.0%
Solvent Content	0.0%	0.0%	0.0%	0.0%
Solids Content	0.0%	0.0%	0.0%	0.0%
Silicone	0.0%	0.0%	0.0%	0.0%

\*Hangsterfer's uses only non-hazardous, chemically bound, long chain chlorinated paraffin.

## SHIPPING UNITS

All Hangsterfer's products are available in 5 gallon, 55 gallon and Intermediate Bulk Containers (260 gallons or 330 gallons) quantities. All products are distributed worldwide.

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The general description, recommended uses, application data and statements in the product literature are guidelines. Because this product may be used for a variety of applications over which Hangsterfer's Laboratories, Inc. has no control, Hangsterfer's Laboratories, Inc. assumes no liability for incidental, consequential, or direct damages of any kind, regardless of causes, including negligence.