

RES-X “The Residue Remover”

FEATURES

- Mild to Skin
- Low Odor
- For Coolants and Cutting Oils
- Aggressive Oil Emulsification

GENERAL DESCRIPTION

RES-X is chemically engineered to remove residue caused by tramp oil, oxidized oils, water minerals, dirt, dust and other contaminants that are commonly found in machines using metalworking lubricants. RES-X molecularly breaks down the adhesion bonds of the residue; “it releases their hold on the surface”. RES-X is 100% compatible with Hangsterfer’s emulsifiable oils, semi-synthetics, synthetics, cutting oils and metalforming compounds.

APPLICATIONS

Primary	
Machine Surface Cleaning Inside	Work Piece Fixture Cleaning
Machine Surface Cleaning Outside	Tool and Gage Cleaning

MATERIALS

Safe on All Metals
Safe on Painted Surfaces
Safe on Elastomers, Seals and Plastics. (Please check with plastic supplier prior to use.)

INSTRUCTIONS

Machines with residue deposits must be treated daily by spraying a light single layer of RES-X on the residue, prior to starting the machining process. As the day progresses, the splashing coolant or lubricant will loosen the treated residue and wash it into the sump. Apply daily until the majority of the residue is gone then apply once a week for maintenance.

Machines without residue should be treated to prevent residue from forming. Apply the RES-X once a week to areas of the machine, which are exposed to the lubricants. RES-X is an excellent choice for companies that maintain a “showcase” facility.

MAINTENANCE

Please store indoors and use as directed. No special maintenance required. Keep the product free of contaminants.

PRODUCT CHARACTERISTICS

Product: RES-X	
Form	Liquid
Color	Colorless
Odor	Mild
Specific Gravity	0.91
Viscosity: SUS @ 100°F	36
cSt @ 40°C	3
Flash Point, COC, °F/°C	208 / 98
Fire Point, COC, °F/°C	214 / 101
Pour Point, °F/°C	-103 / -75
Solubility in Water	<0.1
Boiling Point, °F/°C	446 / 230
Vapor Pressure, mm Hg @ 25°	<0.1
pH @ 10%	N/A
Chlorine	N/A

WASTE TREATMENT

Dispose of in accordance with local, state, federal and international laws.

SHIPPING UNITS

All Hangsterfer's products are available in spray bottles, pails, drums and Intermediate Bulk Containers (275 or 330 gallons). All products are distributed worldwide.

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Disclaimer: All reasonable care has been taken to ensure that the information contained in this publication is true and accurate. No warranty is expressed or implied regarding the accuracy of the data. 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. Also, seller is not liable for any loss, damage or liability resulting from the use of the product in the buyer's manufacturing processes or in combination with other substances. SDS's are available for all Hangsterfer's products and should be consulted as needed.

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