

**RUST-X USA**



**Technical Datasheet**

Product: RUST Lubricating Honing Oil  
Grade: HOX 50-55

TDS No. 400022

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### Product Description

Exports of automotive components are a very critical task which requires specialized Rust Preventive Packaging schemes in synergism with highly effective rust preventive oils.

RUSTX-EX Export Grade oils have chemicals that give higher, faster and longer duration of protection to the metallic components from saline atmospheres during sea transportation as well as long term storage.

RUSTX oils contain VCI chemicals, which work in contact phase as well as in the vapor phase and protect components by its dual action.

Rust-X lubricating oils provide the best cooling properties, rust preventive properties and lubrication for the metalworking operation.

Ideal for light machining, hobbling, grinding, honing, turning & drilling operations. Honing oils provide high levels of lubrication to help reduce frictional heat, welding of the tool and part, reduce ensuring longer tool life and superior part finish.

RUST-X oils have superior rust preventive properties and parts may be stored during intermediate operations with reduced corrosion issues.

### Product & Application Images



### Application Method

- Direct flow stream on the part
- Apply a liberal coating to the area to be worked.
- Machine cutting: reapply frequently.
- Hand cutting: Reapply when increased force is required.

## Features

- Soft metal safe – Suitable for all metals including soft metals such as brass, copper and aluminum
- Suitable for hand and machine cutting
- Excellent cooling properties – Consistently produces clean sharp cutting edges. Keeps blades sharp. Prevents cutting tools from seizing to metal substrates.
- Extreme Pressure Resistant – Increases tool life, improves surface finish • Film clings to vertical surfaces – Allows work at any angle
- Anti-corrosive residue against acidic and saline environments

## Suitable For

- Secondary functions of neat cutting oil include
- The removal of swarf and dust
  - Lubrication of other parts of machinery such as slide ways and screws
  - Corrosion protection of the work piece and exposed metal parts of the machine tool
  - High stock removal
  - High quality surface finish requirements
  - Slow speeds, high feeds

## Properties

| Physical Properties                         | HonX 50-55    |
|---|---------------|
| Viscosity(SUS@40 °C)                        | 50-55         |
| Density                                     | 0.9           |
| Odour                                       | None          |
| Appearance                                  | Amber         |
| Flammability                                | Low           |
| Flash Point                                 | 190 °C        |
| Specific Gravity                            | 0.85-0.91     |
| Water Solubility                            | Nil           |
| VOC Content (%)                             | >369 gm/L     |
| Corrosion Prevention Properties             |               |
| Copper Corrosion Test(3 hours@10 °C)        | No Stain      |
| Cast Iron Corrosion Test                    | Pass          |
| Packaged Protection Life (In VCI Packaging) | Up to 5 Years |

### Packaging

|                                   |  |
|-----------------------------------|--|
| 26 Liters Can & 210 Liters Barrel |  |
|-----------------------------------|--|

### Disposal

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| Wastes should be disposed off in accordance with local regulations.<br><b>Recommendation:</b> Do not allow product to reach sewage system.<br>Disposal must be made according to official regulations.<br>Packaging that may not be cleansed must be disposed off in the same manner as the product. |  |
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### Safety Information

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| RUST-X Rust Preventive Oils do not contain Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent Chromium (Cr6), Polybrominated biphenyls (PBB), or Polybrominated di-phenylether complying with the re-stricted substances listed in Article 4(1) of the RoHS Directive. RUST-X Rust Preventive Oils are also REACH Compliant for exports to the European Union. |  |
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### Declaration

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| This Data sheet and information it contains is considered to be accurate at the date of printing. No representation or warranty, expressed or implied is made as to the accuracy or completeness of the data and information contained in this publication. It is the User's obligation to evaluate and use products safely and within the scope advised in the data sheet and to comply with all applicable laws and regulations |  |
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