

RUST-X USA

Technical Datasheet

Product: RUSTX DRAWING OIL
Grade: Draw EZ Series

TDS No. 400140
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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 Draw EZ series is a robust drawing lubricant range which provides excellent lubrication during drawing process. This can be used for drawing wires, tubes and bright bars.

Draw EZ series products are non-water soluble, chlorine free oils fortified with EP additives, film forming additives under high pressure, specialized polymers which enhance versatility and film formation under extreme loads, viscosity controllers for wide temperature range and surface finish enhancers.

The high levels of friction modifiers maintains die and product temperatures and anti-oxidation properties maintain viscosity, corrosive properties and die cleanliness.

Product & Application Images



Suitable For

RUST-X Draw EZ series is a robust drawing lubricant range which provides excellent lubrication during drawing process. This can be used for drawing wires, tubes and bright bars.

Features

- Excellent lubrication properties reduce wear on dies and cones and increases drawingspeeds.
- Provides an exceptionally smooth, bright and clean finish to the drawn wire, tubes and bright bars making it suitable for annealing and plating processes as well as in the manufacture of insulated cable.
- Increased lubricity provides stable operating temperatures.
- Additive package combination produces a high resistance to excessive foamingdegradation.
- Superior anti-corrosion properties to protect machine parts and the productsurface.
- Increased Die Life
- Lesser Rejection ratio and surface defects
- Reduced cost and economy of use

Application Method

Use of gloves while handling the components as well as immediate packaging is important. In case the components carry cutting oils or water from previous processes, dewatering with CL005 is recommended.

Properties

Physical Properties	Test Method	EZ 12	EZ 32	EZ 68	EZ 100	EZ 150
Color	Visual	Brown	Brown	Brown	Brown	Brown
Viscosity @ cSt @ 40°C	ASTM D 445	12	32	68	100	150
Specific Gravity	ASTM D 1298	0.85	0.85	0.85	0.85	0.85
Flash Point (°C)	ASTM D 92	180	180	180	190	190
Weld Load (kg)		400	600	600	600	600
Copper Corrosion		Pass	Pass	Pass	Pass	Pass
		EZ 220	EZ 320	EZ 680	EZ 1000	EZ 2000
		Brown	Brown	Brown	Brown	Brown
		220	320	680	1000	2000
		0.87	0.88	0.88	0.88	0.88
		200	200	200	200	200
		600	600	600	600	600
		Pass	Pass	Pass	Pass	Pass

Packaging

26 Liters Can & 210 Liters Barrel	
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Disposal

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

<p>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-restricted 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.</p>	
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Declaration

<p>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</p>	
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