

# RUST-X

**REST WITHOUT RUST**

T.A. C.KNOOP, AUSTRALIA



## TECHNICAL DATASHEET

**Product: RUST-X 135 SERIES RUST PREVENTIVE OIL**

**Grade: 145 A- Ex Rust Preventive Oil (Solventless)**

### Product Description

Exports of automotive components is a very critical task which requires specialised Rust Preventive Packaging schemes in synergism with highly effective rust preventive oils. RUSTX-EX Export Grade oils have higher, faster and longer duration of effective chemicals that protect the metallic components from saline atmospheres during sea transportation as well as long term storage.

RUSTX 135 series oils contain VCI chemicals, which work in contact phase as well as in the vapour phase and protect components by its dual action.

RUSTX – 145 A is a viscous grade of rust preventive oil having excellent thixotropic properties and holds well on surfaces that may be super finished or vertically placed.

The product has a high flash point and can be used for protection of Cold Rolled Steel, Engine Components, as well as large equipment where indoor open storages are required.

### Application Method

Dipping by far is the best method for establishing an even layer on the component. Other methods may be used such as mist spraying, electrostatic spraying, brushing, automatic conveyor spray or dip process spray. It is important that the complete surface of the component is coated with the rust preventive oil.

### Suitable for:

Machined Steel Components, Castings, Forgings, CR sheets, Bearings, Gears, Transmission Components, Axles, Process Equipment, Flanges, Valves etc.

### Features

- Solventless
- No Smell
- Lubricating oil film
- Thixotropic properties
- Long Term Corrosion Prevention
- Electrostatically Sprayable
- Easily washable with water and solvent based products
- Excellent protection against acidic and saline environments
- Non Sticky soft film
- Good for rubber & silicone parts.

**Manufactured by: Hi-Tech International, Khopoli, Mumbai**

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### Typical Properties

Properties	Test Method	Value
Colour	Visual	Amber Clear
Viscosity @ cSt @ 40°C	ASTM D 445	100 cSt
Specific Gravity	ASTM D 1298	0.78 - 0.83
Flash Point (before application)	ASTM D 92	220 °C
Volatiles by % (by weight)		<1 %
Coverage (sq m/ Lt)		25-50
Film thickness	IS 2074	10-12 microns
Pour Point	ASTM D 97	Below -5°C
Saponification Value (mg KOH/gm)	ASTM D 94	5.0-7.0

Corrosion Prevention Properties		
Salt Spray Protection	ASTM B 117	120 hours
Salth Spray in VCI Packaging	ASTM B 117	720 hours +
Humidity Chamber	ASTM D 1748	720 hours +
Indoor Protection Life (open)		2 months
Indoor protection life (packed)		2 years
Packaged Protection Life (In VCI Packaging)		Upto 5 Years

### Packaging Available

26 Liters Can & 210 Liters Barrel

### Safety Information

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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Revision No. 5 Revision Date: 1<sup>st</sup> April 2012

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