

# RUST-X

**REST WITHOUT RUST**

T.A. C.KNOOP, AUSTRALIA



## TECHNICAL DATASHEET

Product: RUST-X Wire Drawing Lubricant – Water Soluble

Grade: DRAW EZ 5060

### Product Description

RUST-X Draw EZ 5060 is a water soluble lubricant suitable for steel wire drawing application. The product provides excellent boundary lubrication during drawing operation and prevents surface defects as well as wire breakage. The product on dissolution in water forms a nano-emulsion which is translucent in colour.

DRAW EZ 5060 provides higher wettability, high cleanliness to the wire, good biological resistance during use, good lubrication as well as excellent emulsion stability.

The presence of Extreme Pressure Additives in the product allows for high drawing ratio with excellent surface finish. The presence of surfactants improve cleanliness of the product and also allows for emulsification of tramp oils or carried over oils from the previous processes.

The higher viscosity of the product allows for lower let down ratio compared to low viscosity products along with higher lubrication due to longer chain length molecules as well as lower degradation.

### Application

3-4% as emulsion in water. Always add Draw EZ 5060 to water and not vice versa.

### Physical & Chemical Properties

Physical Properties	Test Method	Value
Colour	Visual	Amber Clear
Viscosity @ cSt @ 40°C	ASTM D 445	>100 cSt
Specific Gravity	ASTM D 1298	0.95-1.0
pH@ 5%		8-9
Flash Point	ASTM D 92	220 °C
Volatiles by % (by weight)		<0.15%
Degreasability		Passes
Refractrometer Index		1.0
Tank Life		6 months

### Packaging Available

26 Liters Can & 210 Liters Barrel

Manufactured by: Hi-Tech International, Khopoli, Mumbai

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## **Safety Information**

RUST-X 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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**Manufactured by: Hi-Tech Internationa, Khopoli, Mumbai**  
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