



TECHNICAL DATASHEET

PRODUCT NAME – RUST-X RP Gear Oil

PRODUCT CODE – Gear X 90, 140, 220, 320 & 460

PRODUCT DESCRIPTION

These are range of high quality gear oils manufactured from selected Base stocks & blended with ash less extreme pressure agents. In addition they contain additives to increase adhesiveness & prevent film rupture under shock loading conditions. Contains friction modifier. They are very stable, have high resistance to foaming, good demulsibility characteristics, seal compatible & fluidity at low temperature.

GEARX 90 are recommended for high speed single & double helical gear sets utilizing a circulating system for spray lubrication. They are also suitable for heavily loaded bearings where straight mineral oil do not have sufficiently high film strength to provide effective lubrication.

GEARX 140 can be used in helical & spur gear sets having peripheral speeds of 1000/2500 feet per minute & utilizing spray or splash lubrication. Again it can be used for heavily loaded bearings requiring an oil of this type. This grade has an extremely good record of satisfactory lubrication of main pinion gears in rolling mills in the steel industry.

GEARX 220 & 320 can be used for slower

speed gears in the 200-2500 FPM speed range, and worm gears having rubbing speeds in the range 0-2000 FPM.

GEARX 460 is recommended for slow heavily loaded worm, spur and helical gears where exceptional adhesiveness is required and where shock loading may be problem.

FEATURES

- Reduced Maintenance Costs
- Multipurpose lubricant for a range of applications
- High lubricating properties
- Designed for many types of industrial gear lubrication services where loads and shock loading is high.
- Long oil life

APPLICATIONS

- Open and closed body gears
- Chassis Points
- Anti-friction Bearings
- Construction Equipment
- Conveyor Bearings
- Plain Bearings
- Fan Bearings

TECHNICAL SPECIFICATION



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Physical Properties	Test Method	GearX 90	GearX 140	GearX 220
Colour	D-1500	Amber	Amber	Amber
Viscosity @ cSt @ 40°C	ASTM D 445	90 cSt	140 cSt	220
Specific Gravity		0.86-0.91	0.86-0.91	0.86-0.91
Flash Point (COC), 0C		215	230	240
Timken O Load(lb)		65	65	65
Rust Prevention		Pass	Pass	Pass
Physical Properties	Test Method	GearX 320	GearX 460	
Colour	D-1500	Amber	Amber	
Viscosity @ cSt @ 40°C	ASTM D 445			
Specific Gravity		0.86-0.91	0.86-0.91	
Flash Point (COC), 0°C		245	270	
Timken O Load(lb)		65	65	
Rust Prevention		Pass	Pass	



USAGE

It is a ready to use oil and can be used in gears and components.

APPLICATION PICTURES

PACKAGING AND STORAGE

USA - 14310 Gannet St , La Mirada, California
 info@rustxusa.com www.rustxusa.com
 Italy | France | India | China | Mexico





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Store in a cool dry place and always keep RPO sealed when not in use.

DISPOSAL

Recommendation: Do not allow product to reach sewage system.

Disposal of product or waste must comply with official local regulations.

Packaging that cannot be recycled must be disposed in the same manner as the product.

HEAVY METALS DECLARATION

RUST-X Rust Preventive products 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.

SAFETY INFORMATION

- Keep Out Of Reach Of Children
- Keep Container Tightly Closed
- Not For Internal Consumption
- Consult Material Safety Data Sheet For More Information
- Safe for people
- This product does not pose a health hazard to users due to its classification as an article

according to EU REACH, UN GHS, US OSHA HazCom and CA WHMIS regulations.

- Rust-X VCI chemistry is safe for sensitive electronics.
- Rust-X VCI chemistry imposes No galvanic effects, residues or changes in the properties of metals. The protective molecules dissipate upon opening of package.

DECLARATION

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.

LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on validations and tests conducted by HI TECH INTERNATIONAL/RUST-X or its partners and are believed to be reliable, but the accuracy or completeness thereof is not guaranteed. We warrant our products will be free from defects when shipped to customer. Our obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Rust-X, Hi Tech International or its partners or agent of the claimed defect within 3 months after shipment of product to customer.



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Customer shall pay all freight charges for replacement products. We shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products. And any financial claims shall be limited to the value of the film sold.

Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of the company. The foregoing warranty is exclusive and in lieu of all other warranties, express, implied or statutory, including without limitation any implied warranty of merchantability or of fitness for a particular purpose. In no case shall HI TECH INTERNATIONAL/RUST-X be liable for incidental or consequential damages.

GLOBAL SUPPORT

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