

RUST-X USA

Technical Datasheet

Product: RUST Preventive Oil
Grade: Engine Oil 20 W 40

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Product Description

Export of automotive components is 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.

RUSTX RPO 20W-40 is extra high performance diesel engine oil that provides excellent lubrication of today's diesel engines promoting extended engine life. As a result, this product meets or exceeds the specifications of virtually all major European and American engine manufacturers. This extra high performance has been proven in the field in a wide variety of industries, applications, and mixed fleets.

The protective power of the oil is enhanced through the use of high purity base oil that provides increased additive activity. It delivers significant improvements in wear protection, deposit control and resistance to breakdown under high temperature.

All RUST-X rust preventive oils are Barium & Heavy Metal Free.

Product & Application Images



Suitable For

Can be used for Engine Components which require slight lubricating film as well as longer protection and multiple handling. ideal for gears, axles, crank shafts, casting gear boxes, engine blocks, forged parts, white bodies of automotives to be exported, steel tubes, wire ropes, bearings etc.

Features

- Slight lubricating to touch
- Good coverage due to low viscosity-high floatability & high penetration properties
Less consumption due to thin film
- Tighter engine designs reduce oil consumption
- resulting in less fresh oil make-up to replenish depleted additives
- low emission diesel engines significantly increase the demands on engine lubricants
- Engine Oil & Gear Oil Compatible
- Prevents the cylinder liner scuffing typical of high-powered supercharged engines

Application

RUSTX 20W-40 is suitable for use in a wide range of US, European and Japanese heavy duty diesel engines in both on and off-road applications including severe applications such as high loads and multi-trailer applications.

This formulation helps to provide protection in everyday driving conditions. It is used for gasoline, diesel and gas engines.

Properties

Physical Properties	Test Method	Value
Color	Visual	Amber Clear
Viscosity @ cSt @ 100°C	ASTM D 445	19.5 cSt
Density at 15°C, kg/L	ASTM D 1298	0.89
Sulphated Ash	ASTM D874	8.3 %
Flash Point (Before application)	ASTM D 92	<100 °C
Flash Point (after application)	ASTM D 92	250 °C
TBN mg KOH /gm	IS 1448: P-86	10-12 min
Pour Point	ASTM D 97	-18 °C/-4°F
Total base number	ASTM D2896	12
Viscosity Index	ASTM D2270	130
Corrosion Prevention Properties		
Salt Spray Protection	ASTM B 117	<120 hours
Salt Spray in VCI Packaging	ASTM B 117	500 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)		Up to 5 Years

Packaging

26 Liters Can & 210 Liters Barrel

Disposal

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.

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.

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

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