



RX MARINE INTERNATIONAL

Total Solution Total Protection

AN ISO CERTIFIED COMPANY



Diesel NB Guard

Part/Order no:

RXSOL-40-4002-20

RXSOL-40-4002-25

Packing

20 Ltr

25 Ltr

Diesel NB Guard Pwd (RXSOL-40-4002) COOLING WATER TREAT CORROSION INHIBITOR (HIGH NITRITE CONTENT) RXSOL-40-4002 Powder (For Radiators, DG - sets, Closed Cooling System)

Introduction:

RXSOL-40-4002 is a dry powder, nitrite/borate based compound with unique formulation with organic Corrosion Inhibitors, Anti-Scalant for use in closed cooling water systems, for preventing corrosion and scale Formation in Internal combustion engines, compressor cooling system, DG - set at high or low temperature. It is also acts as a corrosion inhibitor (Protects all the metals including cast iron, mild steel, copper.)

Note :

The stable oxide film that is formed by RXSOL- 40-4002 prevents corrosion caused by electrolytic action between dissimilar metals used in the system. RXSOL-40-4002 has been field tested and found to have no detrimental effects on non metallic substances such as seals, glands, packing, hoses, gaskets etc., normally used in these' systems.

Application :

SDG*Sets:- Internal combustion engines closed circuit cooling system compressor cooling system RXSOL-40-4001-020 incorporates superior corrosion inhibitors to prevent corrosion works by free of scale deposits.

Advantages:

- Prolong the life of equipment by keeping scale and corrosion free. Since RXSOL-40-4001 is alkaline and so will suppress acid corrosion, which would otherwise result in Corrosion.
- Damage such as pitting. However, the alkalinity control is such that even if the product is accidentally overdosed, the pH of the water will remain within limits. The metals which would be affected by extremes of alkalinity or acidity are protected.
- Improves generating cooling efficiency by maintaining a clean heat transfer.
- Corrosion protection by using superior Corrosion inhibitor. Reduced maintenance and down Time.
- Compatible with Coolants / Antifreeze solution / Glycol.
- Friendly with Metals (Like steel, Copper, Aluminum, all alloys) & Non - metal (Rubber, Hoses, Gasket etc.).

Note :

In cases where systems are contaminated with oil and/or scale they should be cleaned before starting to apply RXSOL-40- 4001-020. There are suitable RX BRAND products to carry out the cleaning. Degreasing should be carried out using RXSOL SC 2002 and Descaling by using RXSOL DC 1008.

Specification :

| | | | | | | |
|----------------------|-----------|---|---------|---------|-------------|-------------|
| Color | Off white | Rxsol-CWT-4002 is an alkaline product & should be handled like other chemical Avoid contact with Eyes, Skin ,in case of contact ,wash with copious amounts of water | | | | |
| Odor | None | | | | | |
| Nitrite (as PPM NO2) | 0 | 100-200 | 300-600 | 700-900 | 1100 - 1300 | 1440 - 2400 |
| RXSOL CWT 4001/10 | 2 | 2.5 | 2.0 | 2.0 | 1-1.8 | 0 |



Method Of Use :

Properly clean the system with water and alkaline liquid , if necessary. Add 0 .05-0.2 % of RXSOL-40-4002 in system or recommended Nitrite level1400 2500 ppm can be measured and controlled by any standard RXSOL test kit for Nitrite, Chloride test also helps to detect excess contamination to maintain accepted levels. when the product is dosed as recommended limit By buffering action of RXSOL-40-4002 , pH should be maintained between 8.3 and 10 by the treatment.

Note:

Initial dosage for an untreated system is 9 liters of RXSOL-40-4001-020 / 1000 liters of untreated distilled water. This will bring the treatment up to the minimum level of 1000 ppm nitrite. For best result and prolonged engine life add RXSOL-40-4001 every 500 -6500 km. or 250 to 300 hours of running time or every 2 month interval .pH should be maintained between 8.3 and 10 by the treatment.

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