



RX MARINE INTERNATIONAL

Total Solution Total Protection

AN ISO CERTIFIED COMPANY



Corrosion Inhibitor for Closed/Chilled Systems with Nitrite & Indicator

Part/Order no:	Packing
RXSOL-40-4020-25	25 Ltrs
RXSOL-40-4020-210	210 Ltrs

Your Rx Marine representative can provide specific cleaning recommendations. Sacrificial anodes (magnesium or zinc) in the cooling system should be removed prior to adding RXSOL-40-4020 treatment.

Product Description:

Nitrite based closed circuit inhibitor 1000 ppm at 0.50% multi-functional, nitrite-based chemical treatment used for the control of corrosion in closed cooling systems and chilled water systems.

RXSOL-40-4020 is a high performance nitrite based closed circuit inhibitor with indicator. Nitrite > 1000 ppm at 0.50%. It is multi-functional corrosion inhibitor for protecting recirculating cooling and heating water systems. RXSOL-40-4020 treatment is an excellent treatment for diesel engine primary and secondary cooling water. It is also ideally suited for use in chilled water systems because it forms a clear, non-staining solution, which protects the system from corrosion and hard water scale.

Application:

RXSOL-40-4020 treatment is an effective corrosion inhibitor for ferrous metals in marine circulating cooling water systems. Because certain aluminum alloys are highly anodic, they may be difficult to completely protect. Therefore, the use of RXSOL LIQUID EWT treatment with systems containing aluminum alloys should be discussed with a local Rxmarine Marine representative prior to starting treatment. In order to ensure the maximum benefits from a RXSOL-40-4020 treatment program, the system should be inspected for deposits and corrosion. If the system is found to be contaminated, it must be chemically cleaned before the treatment program begins.

Dose:

The system should be filled with good quality fresh or distilled water and where freeze protection is necessary, the proper amount of glycol-based antifreeze should be added. Begin circulating the system water, and add RXSOL-40-4020 cooling water treatment at an initial dosage of 8 liters per ton of system water capacity. Circulate for 30 minutes after addition to ensure good distribution and the establishment of a protective film. RXSOL-40-4020 cooling water treatment may be used with waters that have hardness contamination, provided the total hardness levels are less than 170 ppm or as otherwise recommended by the engine manufacturer, whichever is less. The chloride level in the cooling system should be limited to 100 ppm or as otherwise recommended by the engine manufacturer, whichever is less.

Technical Specifications:

Appearance	Light yellow liquid
Specific Gravity at 25° C (77° F)	1.23
Flash Point (PMCC)	None
pH, Neat	12.3 - 12.9
Freeze Point	-12.2° C (10° F)
Freeze/Thaw Stability	Complete