



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

RXSOL-40-4027-025

Corrosion Inhibitor Antifoulant Conc.

Corrosion inhibitor/antifoulant - cooling water, closed circuit systems (Concentrated)

RXSOL-40-4027-025 is a superior nitrite based corrosion inhibitor that contains molybdate. It was developed for closed water circulating systems. RXSOL-40-4027-025 is based on a blend of organic and inorganic corrosion inhibitors to protect steel, copper and other non-ferrous metals, making it an ideal treatment for closed chilled water and low pressure heating systems. NOTE - RXSOL-40-4027-025 is NOT suitable for systems containing aluminium.

Dosing of RXSOL-40-4027-025 should be dosed at 1000 - 2000 ml/m³ in order to give an active reserve of 200ppm of sodium nitrite. In systems requiring significant passivation higher initial dosages may be required to yield the required nitrite residual.

RXSOL-40-4027-025 gives complete protection against *corrosion and fouling by marine growth* such as algae, moss, shellfish and micro-organisms in seawater cooling systems. It is also used as an effective biocide to treat diesel engine cooling water systems against micro-organisms and bacteria.

DOSE ::: Dosing of RXSOL-40-4027-025 should be dosed at 1.5-2.0 kg/m³ in order to give an active reserve of 55-75 mg/L molybdate (as MoO₄).

For sea water cooling systems

Dose 150 - 500 ML of RXSOL-40-4027-025 for every 100 tons of sea water flowing through the system per hour. The treatment should be applied daily when the vessel is on coastal waters. Normally the treatment is not required when sailing deep sea. 3 PPM of RXSOL-40-4027-025 is sufficient to prevent fouling.

FRESH WATER COOLING WATER

RXSOL-40-4027-025 is also a recommended biocide to be used in conjunction with NCLT COOLING WATER TREATMENT in case of contamination of microorganisms in the fresh water cooling system. It is effective over a broad pH range and gives a wider spectrum of protection against micro-organisms in marine diesel engine cooling system. In this case, 100 PPM of RXSOL-40-4027-025 or 1Ltr for 10 tons of water, added on a weekly basis. The product should be applied to the expansion tank to ensure immediate circulation into the system.

APPLICATION :::

Anti-foulant and corrosion inhibitor for sea water cooling systems

It should be preferably be started on a clean system since it is formulated to prevent growth rather than remove existing growth of microorganism bacteria , fungi , larvae etc.. (EXISTING GROWTH CAN BE CLEAN BY USING RXSOL-11-1008--DC / RXSOL-54-1008-SA)

- # Effectively control MICROORGANISM GROWTH, Prevents marine growth in filterboxes, sea water lines and heat exchangers
- # Economical , reduce down time cost , also doesn't require any special monitoring, Consistent usage provides longlasting protection
- # Also control biological corrosion
- # Filming properties protect systems against corrosion
- # Ensures maximum thermal efficiency by keeping heat transfer surfaces free from deposits
- # Reduces maintenance and downtime
- # Non-toxic and non-pollutant PRODUCT

PRECAUTION :::

- 1 . Avoid to use in any food area / food crop (FARMING PURPOSE).
- 2 . It is strongly recommended to clean entire fouled contaminated system prior to its use .
3. IT SHOULD ONLY BE DILUTED WITH FRESH WATER .
- 4. Causes** eye and skin irritation , WORKERS must wear all chemical resistant apron and face mask , long pants , shoes. Strictly avoid contamination of food items.

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