



RX MARINE INTERNATIONAL

Total Solution Total Protection

AN ISO CERTIFIED COMPANY



CAT Sulphite

Part/Order no:	Packing
RXSOL-50-5008-20	20 Ltr
RXSOL-50-5008-25	25 Ltr

Cat. Sulphite Liquid (RXSOL CAT SULPHITE LIQUID) is a sodium sulphite based product in ready to use liquid form. The catalyst ensures rapid elimination of oxygen in the boiler system. RXSOL CAT SULPHITE LIQUID should be used in conjunction with the other Rxsol boiler water treatment products. Oxygen is highly corrosive in the boiler system, even in small amounts. Elevated temperature operation of the hot well is a good practice to remove gases like oxygen. Even so, the feed water contains oxygen which can create severe corrosion, shown as deep and local pitting. This will quickly cause failure of the boiler metal. RXSOL CAT SULPHITE LIQUID reacts with oxygen to form inert sodium sulphate, thus preventing oxygen attack.

Directions for use:

RXSOL CAT SULPHITE LIQUID is a fast acting oxygen scavenger for use in ships boiler system in conjunction with other Rxsol boiler water treatment products. High feed water temperature should be maintained for optimum product performance, reduced product consumption and optimum system protection.

Dosing method:

For optional results RXSOL CAT SULPHITE LIQUID should be dosed continuously by means of a metering pump into the feed line, after the recirculation valve. RXSOL CAT SULPHITE LIQUID can be fed using Rxsol BWT dosing system. Slug dosing into the hot well as well as low hot well temperatures will strongly reduce the efficiency of this treatment.

RXSOL CAT SULPHITE LIQUID should be dosed separately from other boiler water treatments.

Dosage and control:

The quantity of RXSOL CAT SULPHITE LIQUID required depends on the operation of the boiler system. As a guide 10 ppm sulphite is required to react with 1 ppm oxygen.

A reserve of 20 to 50 ppm sulphite is to be maintained in the boiler water, determined by regular testing. A normal dosage is approximately 1 Ltr per day, depending on system layout.

Product Properties:

Appearance.	LIQUID.
Color.	PALE PINK.
PH.	4.

Features:

- Fast acting, liquid oxygen scavenger.
- Safe and easy to use, low toxicity.
- Reduces corrosion of iron and copper, increasing system life and reliability.
- Neutralizes acids occurring in condensate system.
- Volatile product, provides distribution and protection throughout the boiler system, economical in use.
- Suitable for use in conjunction with combined and co-ordinated treatment programmes.
- Organic product, no dissolved solids added.
- Simple test to determine treatment level.

