



CO-398 Corrosion and Scale inhibitor for closed cooling sys.

Items	Specifications
Form	Liquid
Colour	Amber
PH value \leq	12-13
Specific gravity (20°) $\text{g/cm}^3 \geq$	1.15-1.25
Composition	Molybdate, Nitrite, Azole
Water solubility	Soluble

General Specifications

CO-398 is a Molybdate-Nitrate based multi-metal corrosion inhibitor developed for use in closed loop system containing chiller or hot water. It prevents corrosion or rusting of metal by forming a passive coating of protective film on ferrous metals. It also prevents corrosion on non-ferrous metals. **CO-398** contains organic dispersants and antiscalants that helps to keep the surface of the systems clean and thus provides the basis for the formation of an effective corrosion protection film.

CO-398 is mainly applied in CHW line of HVAC systems, glycol chiller, secondary cooling water systems of power plants, in the cooling systems of blast furnaces, in systems for cooling the molds in continuous casting mills and in hot and cold water systems in various industry.

Key Features and Benefits

- Multi-metal corrosion protection
- Non-foaming
- Enhances cooling efficiency
- Extends system life
- No descaling of Heat exchangers

Application and Dosage

CO-398 is added neat or diluted to the water. It can be mixed with water in any ratio. It can be dosed directly to the make up tank or with metered injection dosing pump into the closed circuit. The dosage rate is dependent on the system conditions and the amount of water loss. Dosage may vary from 50ppm - 300ppm as molybdate depending upon application. **CO-398** should be of soft water to maintain 10-40ppm molybdate and 50-100 nitrite.

Packing

CO-398 is available in 60/200 kgs HDPE jars and barrels.

Head office: Unit 703, No.33, Akbari St., 22 Bahman St., Ashrafi Esfahani Highway,
Tehran – Iran

Tel: 44499801, 44499802 Tel/Fax: 44627987

Website: www.k-naft.com Email: info@k-naft.com