

MAXTREAT[®] 2512

COOLING WATER TREATMENT CHEMICAL

MAXTREAT 2512 is a non-heavy metal-liquid formulation of Corrosion and scale inhibitors designed to protect ferrous equipment in recirculating cooling water systems. Corrosion inhibition provided by MAXTREAT 2512 is superior to other nonchromate treatments. The product contains a threshold inhibitor developed for controlling precipitation of calcium phosphate, carbonate and sulphate. MAXTREAT 2512 also contains a dispersant for suspended matter such as silt, metal oxides etc. The dispersant keeps suspended matter in dispersed condition avoiding desposition in heat exchangers.

BENEFITS

SINGLE PRODUCT TREATMENT

Many non-heavy metal treatments require multiple products to achieve corrosion and scale control. MAXTREAT 2512 is a total treatment programme in a single formulation. Multiple application point, mixing equipment is therefore not required.

SUPERIOR STEEL CORROSION INHIBITION

MAXTREAT-2512 contains a synergistic blend of corrosion inhibitors. The blend protects metal against corrosion under wide pH and alkalinity fluctuations.

PREVENT FORMATION OF SCALE

Threshold mechanism effectively provides protection against deposition and scaling due to calcium phosphate, sulphate and carbonates. MAXTREAT 2512 contains an optimum blend of proven inhibitors which cost effectively provide scale inhibition even under severe conditions. Control of calcium scales is achieved without any costly pretreatment, acid dosing and excessive blowdown. The product prevent scale formation at higher pH and alkalinity in recirculating water.

PREVENT FOULING

MAXTREAT 2512 contains a powerful dispersant which keeps metal oxides in fluidised state, minimizing deposition in equipment and in heat exchangers. Dispersion of the suspended matter keeps heat exchanger clean and reduces bio-growth.

STABLE DURING CHLORINATION

MAXTREAT 2512 is stable against chlorine and provides adequate corrosion protection during chlorination without increasing the dosage.

NONPOLLUTING

MAXTREAT 2512 does not contain any heavy metal like zink or chromate. It can be used in systems where discharge regulation prevents use of heavy metals.

APPLICATION AND DOSAGE

Dosages of MAXTREAT2512 vary, depending upon the makeup water quality and operating conditions. Thermax will assist you in designing optimum product requirement. MAXTREAT 2512 should be dosed at a point in the system at maximum turbulant zone for good mixing. the product may fed directly from shipping barrel or in diluted form. Thermax will provide technical assistance in arriving at optimum dosages for your operating conditions and requirements and in selecting a suitable dosing system for your plant.

HANDLING, STORAGE AND PRECAUTIONS

MAXTREAT 2512 is strongly alkaline in nature. Avoid contact with skin. In case of contact, wash with water. Product is stable under normal storage conditions.

PACKING

MAXTREAT 2512 is available in 35 litre and 100 litre HDPE carbouys.