

MAXTREAT[®] 2710

COOLING WATER TREATMENT CHEMICAL

MAXTREAT 2710 is a zinc containing liquid formulation designed to protect ferrous metal against corrosion. The product contains an inhibitor which prevents precipitation of zinc salts at higher pH and alkalinity. MAXTREAT 2710 contains an effective antiscalant for prevention of calcium phosphate, sulphate and carbonate scales. The powerful dispersant blended in the product prevent fouling due to silt and suspended matter.

BENEFITS

SINGLE PRODUCT TREATMENT

Many non-heavy metal treatments require multiple products to achieve corrosion and scale control. MAXTREAT 2710 is a total treatment programme in a single formulation. Multiple application point, mixing equipment is therefore not required.

SUPERIOR STEEL CORROSION INHIBITION

MAXTREAT 2710 contains a synergistic blend of corrosion inhibitors. The blend protects metal against corrosion under wide pH and alkalinity fluctuations. A zinc stabilizer in the product keeps zinc in solution even at higher pH giving better protection to the metal.

PREVENT FORMATION OF SCALE

Threshold mechanism effectively provides protection against deposition and scaling due to calcium phosphate, sulphate and carbonates. MAXTREAT 2710 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 prevents scale formation at higher pH and alkalinity in recirculating water.

PREVENT FOULING

MAXTREAT 2710 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 biogrowth.

STABLE DURING CHLORINATION

MAXTREAT 2710 is stable against chlorine and provides adequate corrosion protection during chlorination without increasing the dosage.

NONPOLLUTING

For the system where the chromates are permissible as corrosion inhibitors MAXTREAT 2710 can be used to reduce the chromate level in recirculating water. This allows the operation of zinc chromate treatment at higher pH and alkalinity.

APPLICATION AND DOSAGE

Dosages of MAXTREAT2710 vary, depending upon the makeup water quality and operating conditions. Thermax will assist you in designing optimum product requirement. MAXTREAT 2710 should be dosed at maximum turbulent zone in the system for good mixing. The product may be 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 2710 is strongly acidic in nature. Avoid contact with skin. In case of contact, wash with water. Product is stable under normal storage conditions.

PACKING

MAXTREAT 2710 is available in 35 litre and 100 litre HDPE carboys.