



PRODUCT BULLETIN

CTT-2004M

High Cycle Cooling Water Treatment

General Description

CTT 2004M is a single-drum cooling tower corrosion inhibitor/scale inhibitor formula that represents the best available technology in cooling water chemistry. It is a multi-component formula that simplifies cooling tower treatment and reduces treatment costs. **CTT 2004M** is stable against oxidizing biocides and is compatible with chlorine, bromine, chlorine dioxide and most common organic micro-biocides.

CTT 2004M is a synergistic blend of stable and effective multi-metal, film-forming corrosion inhibitors, and polymeric dispersants. It maintains its effectiveness at pH's of 6 to 10.5, which broadens considerably the average cooling tower's range of operating parameters.

Cooling Water Treatment

CTT 2004M does not feed bacteria or algae and will simplify the entire treatment program. **CTT 2004M** will slowly clean old deposits of scale and rust and is effective in high chlorine and alkaline waters. **CTT 2004M** is not pH sensitive and can be blended in alkaline, acid or neutral solutions and can replace all conventional copper & copper alloy inhibitors. To inhibit corrosion and control scale formation in open recirculating cooling water systems, **CTT 2004M** should be maintained in the system at 60 - 100 parts per million (ppm). In some cases, 120 to 200 parts per million may be needed depending on water conditions. The amount of **CTT 2004M** needed for each individual system will depend on the degree of corrosiveness or scaling tendencies in the recirculating water. For best results, fouled systems should be mechanically or chemically cleaned prior to the start-up of any corrosion inhibitor program. **CTT 2004M** should be fed continuously to the system at a point of good agitation to ensure its proper distribution throughout the system.

Application

CTT 2004M, as supplied, provides complete protection against scale, corrosion, and fouling from suspended solids. It may be fed neat from the drum or diluted to any convenient feeding strength. As with all formulations, dilutions should be made with softened or deionized water.

Properties

Color	Clear Dark Amber Liquid
Density	10.2 pound per gallon
pH (200 ppm in water)	4 - 6
Flash Point (PM CC)	Non Flammable

Availability

CTT 2004M is available in UN approved 5 gallon pails, 55 gallon drums and bulk quantities.

Handling

Keep out of reach of children! In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove all contaminated clothing upon contact. Wear suitable gloves and face/eye protection. Observe warning label on containers. Normal precautions for industrial chemicals apply.