

CWT-508

BIODISPERSANT

PRODUCT INFORMATION:

CWT-508 is a low molecular weight, very high charge density cationic polyamine. It is supplied as a clear to opaque liquid, low viscosity aqueous solution. CWT-508 is a cationic polymer that generally performs in the pH range 2.5 to 10.0.

APPLICATION:

CWT-508 is a polymer that is very effective in controlling organic deposits in cooling water systems. It is especially effective in preventing slime masses resulting from bacterial or algae growth which results in improved heat transfer efficiency as well as more effective scale and corrosion control afforded by clean, deposit-free surfaces.

DOSAGE:

CWT-508 may be applied neat or diluted with water to a maximum of 90% water: 10% CWT-508. CWT-508 is normally slug fed by hand or by pump. The dosage should be based on the water holding capacity of the system. Slug doses should be applied instantly or over a period of up to 1 hour, if pumped.

For normal maintenance of a clean system CWT-508 should be fed at a dosage of 10 - 50 ppm one to three times per week.

For systems with moderate fouling due to continuing contamination CWT-508 should be fed at a dosage 50 - 100 ppm two to four times per week.

To clean heavily fouled systems CWT-508 should be added daily at a dosage of 100 - 200 ppm until the system is clean. In all cases a microbicide should be used according to the supplier's instructions.

Typical Properties

Appearance.....Colorless / mild odor
Density @ 80° F.....9.9 lbs/gal.
Viscosity @ 80° F.....40 - 100 cps
Freeze Point.....40° F

STORAGE AND HANDLING:

CWT-508 should be stored at 50 - 90° F. Short-term exposures to higher or lower temperatures will not normally harm the product. If frozen CWT-508 should be warmed to 80 - 100° F, and mixed well prior to use. The shelf life of CWT-508 is at least 6 months.