



AQUA-TREAT



ADVANTAGES

1. Protects mixed metal systems
2. Non-polluting formulation – no heavy metals
3. Effective over a stability index range of 5.5 to 7.5.
4. Able to penetrate fouling and protect underlying metal surfaces from corrosion.
5. It is a proprietary blend of organic and polymeric sequestrates and dispersants to minimize system fouling from contaminants such as calcium, silica, iron, sludge and organics.
6. It also contains special filming ingredients to establish a protective barrier against corrosion on both yellow metal and ferrous metal surfaces. contains no chromate, zinc, or other heavy metals.

DESCRIPTION: AQUA-TREAT is an all organic non-phosphate, non-chromate concentrated liquid scale and corrosion inhibitor. It is designed for use in a wide range of open recirculating cooling water systems where clean, scale and deposit-free surfaces are required for system life and efficiency.

AQUA-TREAT uses a modern phosphonates based formulation. The phosphonate used is hydroxyethylidene disphosphonic acid (HEDP) which represents an important technical development. Most organic treatment programmes are now based on the use of HEDP plus various organic polymers.

Phosphonates have excellent ability to distort crystal growth and thus control scale whilst at the same time holding corrosion rates to 40-50 um/year or much lower in some conditions

FEEDING:

AQUA-TREAT must be fed continuously to the recirculation system by chemical dosage pumps. Automated systems with chemical feed and bleed in direct proportion to make-up are available from Greenleaf Solutions.

The Cooling Tower Conductivity Controller to simultaneously automatically feed Biocide and Scale & Corrosion Inhibitor has been specially designed for this type of application.

DOSAGE:

Initial start-up dosage is 25 to 30 ppm to clean up the system and establish a protective film after that maintain average dosage at 8 to 10 ppm.

PACKAGING:

AQUA-TREAT scale & corrosion inhibitor comes in 1, 5 and 20 litre plastic containers.