

GAZ-CW01 Cooling Tower Treatment



Product Description:

GAZ-CW01 is a concentrate liquid scale and corrosion inhibitor. It is designed for use in a wide range of open recirculation cooling water systems where clean, scale and deposit-free surfaces are required for system life and efficiency. **GAZ-CW01** accomplishes this with one easy to use product. **GAZ-CW01** is used for corrosion and scale control in systems with highly corrosive and scaling makeup water and system operating conditions.

Applications / Features:

- Very effective in high hardness, highly alkaline scaling waters. It contains a proprietary blend of organic and polymeric sequestrants, penetrants and dispersants to minimize system fouling from contaminants such as calcium, silica, iron, sludge and organics.
- Contains special filming ingredients to establish a protective barrier against corrosion on both yellow metal and ferrous metal surfaces.
- Do not contain chromate or zinc.
- Acceptable for treating cooling and retort water in official establishments operating under the Federal meat, poultry, shell egg grading, and egg products inspection programs.

Directions:

- **GAZ-CW01** should be injected into the system by means of a metered chemical injection pump.
- It is pumped directly from shipping container and may be diluted in a chemical mix tank prior to injection.
- **GAZ-CW01** should be initially slug dosed to the system at the rate of 500 ppm (64 fluid ounces per 1000 gallons of system water) to the tower water. Subsequent federates should maintain 300 ppm of **GAZ-CW01** on a continuous basis, based on tower bleed. For example, the treatment required for a 90 ton tower with a bleed rate of 1,000 gal/day is: $(0.06 \text{ fluid oz/day}) \times 90 \times 1.0 = 5.4 \text{ fluid oz /day}$. Treatment level in the cooling water should be monitor regularly, to determine the efficiency.
- Maintain dosage with a phosphonate test at 5-8 ppm residual, PO₄ at 3-4 ppm, or Mo at 0.15-1.5 ppm as sodium molybdate.