

Specialty Chemicals Inc.

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c489

489: Cooling Water Scale & Corrosion Control

489 is a liquid organic/inorganic corrosion, scale, and deposit inhibitor specifically formulated for use in recirculating cooling water systems. The corrosion inhibition properties of 489 are superior to conventional all-organic treatment programs, and is competitive many heavy metal programs. This product protects ferrous, yellow and non-ferrous metals, and is particularly effective in preventing scale and corrosion inhibition in systems which utilize make-up waters with high scale potential.

489 Treatment details:

- * Single Program for scale, corrosion, and fouling
- * Ferrous metal corrosion is minimized by organic phosphate technology that uses both anodic and cathodic inhibition principles.
- * Contains a special polymer that prevents deposition of orthophosphate, and calcium carbonate, thus preventing scale formation, while minimizing scale on heat transfer surfaces.
- * Prevents pitting of copper and copper alloy components.

Product Application:

489 is recommended for use in industrial and commercial cooling systems that contain both ferrous and non-ferrous metals. Contaminants are removed from the system via blow down. An impulse coupled water meter, and a solenoid actuated diaphragm pump will allow the 489 to be fed to the make-up water at the proper rate.

Monitoring and Testing:

Maintain 100-200 ppm as organic phosphorous by testing on a routine basis.

Package: 55 gallon drum, 30 gallon or 15 gallon keg, and 5 gallon pail.