

IND-PDS-AP-Ferroclean-R1

Ferroclean™ cleaning treatment

Product Description

Iron fouling is often a major problem in water systems and can negatively affect the overall operation of a cooling system. Ferroclean™ cleaning treatment is a specially formulated, highly effective cleaning treatment designed to remove corrosion product and metal oxide deposition on metal surfaces in aqueous systems. Ferroclean cleaning treatment removes and disperses metal oxides while protecting metallurgy from corrosion and redeposition. Ferroclean cleaning treatment is effective at a neutral pH and can be performed either off-line for rapid cleaning or on-line for slow cleaning without system interruption.

With the use of Ferroclean cleaning treatment, improved corrosion inhibitor performance is achieved due to reduced interference by corrosion products. The potential for microbiologically-induced corrosion is also reduced since the deposition and conditions for an anaerobic environment are removed. Reduced system back pressure and improved heat transfer will be observed in severely fouled equipment.

Ferroclean cleaning treatment can be used to safely clean open and recirculating cooling water systems, diesel engine cooling systems, chiller systems, heat exchangers, auxiliary equipment and piping. Ferroclean cleaning treatment is fully compatible with traditional water treatment chemical programs.

Product Application

Ferroclean cleaning treatment has been specifically designed to function as either an off-line rapid cleaner or a continuous-type on-line cleaner while minimizing corrosion of the base metal. This treatment product effectively removes corrosion product/metal oxide deposition, and disperses it in the water phase, while resisting deposition elsewhere in the system. The product also contains surface-active agents that penetrate and remove organic debris. With proper usage, Ferroclean cleaning treatment results in the following benefits:

- Increased operating efficiency
- Decreased maintenance costs
- Minimized down time
- Increased equipment life

Ferroclean cleaning treatment can be applied in a water system at a rate of 1-10 gallons per 1000 gallons for online cleaning and 1-100 gallons per 1000 gallons for off-line cleaning. Dosage will depend on the severity of fouling. For use on galvanized metals, Adjunct™ G corrosion inhibitor is recommended for galvanized corrosion protection.

Storage and Handling

Although this product is stable under normal storage conditions, some phase separation may occur if stored at or below freezing. The product may be returned to its original state with no loss in activity by allowing the product to return to room temperature with mild agitation.

Packaging

This product is available in a variety of packaging sizes. Your Solenis representative will recommend the appropriate packaging for the application.

Important Information

Typical Properties: Refer to MSDS.

Regulatory Information: Please refer to the MSDS or contact your sales representative for any additional regulatory and environmental information.

Safety: Solenis maintains Material Safety Data Sheets on all of its products. Material Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers.