



Technical Data Sheet

Product Code: A810XXX Revised Date: 10/23/2024

C&H 810

Product Description

C&H 810 is a powdered, multi-metal safe corrosion inhibitor for use in diesel engine cooling systems. C&H 810 is capable of being added directly into filler necks of cooling-water systems. C&H 810 is a proprietary blend of nitrite, and other organic and inorganic inhibitors protects all the metals found in locomotive cooling systems.

Performance Features

- Dissolves quickly in warm water and will not freeze in cold weather
- Conforms to: ASTM D1384 specification, GETS 84A231282 Specification dated 04-19-2012, Rev. O (Locomotive Coolant), and EMD MI 1748 Section 6.1.1 dated 05-15-2009, Rev. G (Locomotive Coolant) Specification, for corrosion resistance.
- Conforms to: ASTM D1418 specification, GETS 84A231282 Table 4, O-rings specification, and EMD MI 1748 Section 6.1.2.2, Seals Specification for Elastomer Chemical Resistance testing.
- Does not contain Chromate or Zinc metal compounds
- Contains Boron as a tracer element to detect coolant contamination in engine oil
- Can be used with Ethylene Glycol based antifreezes.

Physical Specifications

Physical State	Powder
Appearance	Red & White Mottled
pH	< 10.5

Equipment Requirements

C&H 810 is safe for use with all diesel engine cooling systems. **Do not use with gasoline engines.**

Product Make-Up

C&H 810 is a ready to use powder.

Concentration and Application Method

Diesel Engine Cooling System Corrosion Inhibition

Add 810 directly to cooling system at a ratio of 1 pound per 20 gallons of cooling system water. 810 can be used in both open and closed recirculating systems. In closed cooling water systems, product life is normally indefinite. Diluted Product in a cooling system is Freezable below 10°F.

Testing 810 Concentration Levels

The concentration of 810 can be tested by Seacole's Nitrite Test Kit or by electronic conductivity meters. Nitrite test readings should be in the range of 800 - 1800 ppm Nitrite. Conductivity test readings should be in the range of 4300 - 7000 micromhos.

Companion Products

Please see C&H 810S and C&H 850 for the stick and liquid versions of this product. Please see Seacole's Product Catalog.

Safety and Handling

Please review and understand the C&H 810 SDS before handling.

Waste Treatment

Individual users should verify the nature of spent solutions to assure compliance with local, state, and federal regulations.



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Ordering Information

C&H 810 is available in 50# pails.



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