



Product Information Flyer

DESCRIPTION

PRODUCTO HT-109 is a water-based corrosion inhibitor designed as a cooling water additive for hot testing. It is also ideal for use in other types of cooling systems and in air pressure leak detection immersion tanks.

APPLICATION

PRODUCTO HT-109 provides protection against the corrosion of cast iron, aluminum and other non-ferrous metals. It is compatible with all components of an engine cooling system. It will have no effect on a variety of plastic and rubber gaskets and seals.

FEATURES & BENEFITS

OIL REJECTION:

PRODUCTO HT-109 solutions reject oil which can contaminate hot test coolants from a variety of sources. Its solutions will not emulsify or solubilize motor and honing oils.

BIOLOGICAL CONTROL:

PRODUCTO HT-109 solutions have demonstrated a low susceptibility to biological degradation. There is generally no need for biocide treatment of re-circulating, closed-loop systems.

WASTE TREATABLE:

PRODUCTO HT-109 responds readily to conventional waste treatment procedures. It is nitrite and chromate free.

RECOMMENDED STARTING DILUTIONS

PRODUCTO HT-109 is to be mixed with water for use. Always add concentrate to water. Add no other materials to the concentrate or mix unless approved by your CIMCOOL® District Manager.

Hot Testing: 3%	(1:33)	Ambient to 140°F
Leak Testing: 3% - 5%	(1:33 to 1:20)	Ambient to 140°F

CONCENTRATION

A Total Alkalinity Procedure, CIMCHEK™ Test Strip or Refractometer can be used to test concentration. A refractometer is only recommended for use in checking the concentration of a fresh charge.

The Refractometer Factor is 3.6

Multiply the scale reading obtained on your CIMCOOL® Refractometer by this factor to obtain the mix concentration in percent. Calibrate the refractometer so that it reads 0.0 with water before testing the sample mix. Remove gross contaminants from the sample mixes before testing.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Solubility in Water: 100% Miscible

Boiling Point: 212°F

pH Concentrate: 10.3

Appearance and Odor: Clear/Chemical

Specific Gravity: 1.12

VOC Content (by ASTM D2369): 9%

pH Mix 4%: 9.1

HANDLING and STORAGE

If frozen, thaw completely at room temperature prior to use. Inside storage is recommended.

SAFETY DATA SHEET

Available at www.cimcool.com

For additional information refer to its OSHA MSDS, website or contact your local CIMCOOL TECHNICAL SPECIALIST OR DISTRICT MANAGER, or you may contact CIMCOOL® Technical Services at 1-513-458-8199.

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