



PRODUCT BULLETIN

FLUID C-PRO 1175

CORROSION INHIBITOR CONCENTRATE

General Description

Fluid C-Pro 1175 is a water and glycol soluble liquid metal corrosion-inhibiting concentrate. The product is specifically formulated for use in aqueous product formulations that include glycols (ethylene glycol or propylene glycol) to protect a broad spectrum of metal types. **Fluid C-Pro 1175** contains several proprietary aliphatic amines and inorganic corrosion inhibiting agents that are compatible with the supplemental additives typically used in water-based hydraulic fluids and antifreeze products. The **Fluid C-Pro 1175** has undergone extensive evaluation as a corrosion inhibitor and has demonstrated excellent performance in harsh fluid conditions. **Fluid C-Pro 1175** contains no aromatic azoles therefore it exhibits a higher degree of bio-acceptability than products containing these ingredients. In addition to corrosion inhibiting properties, **Fluid C-Pro 1175** is capable of reducing scaling tendencies in hard water as well as dispersing scale deposits.

Application

Fluid C-Pro 1175 is ideal for use as a total package corrosion inhibitor in aqueous hydraulic fluid formulations and antifreeze products where multi-metal types are encountered. Typical application rates are 1 to 3% by weight of the total formulation. Individual product applications will dictate the optimal level for performance. Field ready blends should maintain a minimum concentration of 0.5% by weight. **Fluid C-Pro 1175**, when used in cooling solutions for bench testing equipment, will leave, after draining of the cooling fluid, complete corrosion prevention for all internal parts.

Physical Properties

Form	Dark Amber Liquid
Flash point	None
Freeze Point	20°F
Density	9.30 - 9.60
Reserve Alkalinity	7.5 (typical)
pH	7.5 - 8.0
Solubility	Water / Glycol

Availability

Fluid C-Pro 1175 is available in 5 gallons pails, 55 gallon drums, and in bulk quantities.

Handling

Observe warning label on containers. Normal precautions for industrial chemicals apply.