

ANCO CI300 A

Solutions Through Technology.....

Environmentally Friendly Chemicals

Product Description

Corrosion inhibitor is a neutralized anionic liquid alkyl phosphate ester. It is designed to prevent oxygen corrosion in water-base, mist and aerated fluids. It is also effective against hydrogen sulfide and carbon dioxide corrosion.

Product Advantages

- ANCO CI300 A mixes readily with water based fluids.
- An effective corrosion control agent for clear water and brine fluids.
- Cost effective, is required at low concentrations.

Recommended Treatment

Depending upon the expected severity of the corrosive environment ANCO CI300 A corrosion inhibitor can be added directly into the drilling fluid. For mist drilling, ANCO CI300 A corrosion inhibitor should be added to water during makeup.

The amount of ANCO CI300 A corrosion inhibitor in a drilling mud can be monitored with a Petrolite Phosphonate Drop Test Kit. The following chart shows the recommended treatments of ANCO CI300 A corrosion inhibitor and the residual levels recommended for various corrosive environments.

Typical ANCO CI300 A Treatments

	Slightly Corrosive Environment	Moderately Corrosive Environment	Severely Corrosive Environment
Initial Treatment, Gal/100 bbl	5	7	10
Tourly Treatment, Gal/Tour	3-5	5-7	10
CI 300 Residual in Mud Filtrate, ppm	150	300	600

Mist Drilling:

Add to the make up water at the rate of 0.5-2 gal/10 bbl of water in a soap tank.

Handling

Employees should utilize normal precautions when handling chemical products. The use of a face shield or safety goggles, chemical gloves and apron are recommended when handling this product. In case of eye contact, flush with clean, fresh water and seek medical advice. In case of skin contact, wash the affected area with soap and water. Review the Material Safety Data Sheet (MSDS) for this product prior to use.

Storage

Store in closed containers, at ambient temperature, in a well ventilated area.

Packaging

ANCO CI300 A is supplied in 55 gallon drums or 5 gal pails.

Typical Chemical and Physical Properties

Specific Gravity, 60°F(16°C) 1.25
Weight, 60°F(16°C) lbs/gal 10.4
Flash Point, SFCC < 200°F
Pour Point -10°F
pH 7 - 8
Ionic character anionic