

Anco CI300 A

Solutions Through Technology..... Environmentally Friendly Chemicals

Product Description

Anco CI300 A is a corrosion inhibitor that 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. **Anco CI300 A** mixes readily with water based fluids and is an effective corrosion control agent for clear water and brine fluids.

Application

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.

Recommended Treatment

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 0.5-2gal/10 bbl of water in a soap tank.

Handling

Always wear proper Personal Protective Equipment. Wash hands thoroughly after use. Avoid contact with eyes. If contact occurs, flush eyes immediately with water for 15 minutes while holding eyelids open. Avoid inhalation, only use in well ventilated areas. *See SDS for further details regarding the safe use of this product.*

Storage

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

Packaging

Anco CI300 A is packaged 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

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