

# Anco CI 300

*Solutions Through Technology..... Environmentally Friendly Chemicals*

## Product Description

**Anco CI 300** 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.

## Application

Depending upon the expected severity of the corrosive environment **Anco CI 300** corrosion inhibitor can be added directly into the drilling fluid. For mist drilling, **Anco CI 300** corrosion inhibitor should be added to water during makeup.

## Recommended Treatment

The amount of **Anco CI 300** corrosion inhibitor in a drilling mud can be monitored with a Petrolite Phosphate Drop Test Kit. The following chart shows the recommended treatments for **Anco CI 300** corrosion inhibitor and the residual levels recommended for various corrosive environments.

	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

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.

## Storage

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

## Packaging

**Anco CI 300** 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