



Cola[®]Cor 186

Low-Foam Corrosion Inhibitor for Rolling Emulsions and Oils

DESCRIPTION Isononanoylamidocaproic Acid
LISTINGS USA (TSCA), Canada (DSL), Australia (AICS), Japan (ENCS), China (IECSC), Korea (KECI), Taiwan (TCSI), Philippines (PICCS), New Zealand (NZIOC)

Cola[®]Cor 186 is a low-foaming, excellent corrosion inhibitor useful in rolling emulsions, rolling oils and water-based hydraulic fluids. Cola[®]Cor 186 comes in a solid and acid form, offering the formulator many neutralization options. Cola[®]Cor 186 is compatible with phosphoric acid esters in neutralized form, and extreme-pressure properties of semi- and full synthetic formulations based on Cola[®]Cor 186 can be adjusted.

Water-soluble salts of Cola[®]Cor 186 are obtained by neutralization with alkanolamines and aqueous alkali hydroxides. They may be used alone or in combination with other water soluble corrosion inhibitors or lubricants in grinding and cutting fluids and other aqueous hydraulic systems.

BENEFITS

- Comes in free acid form for neutralization flexibility
- Low-foaming
- Excellent corrosion protection of steel and aluminum
- Boron-free, nitrite-free
- Reduces copper and cobalt leaching
- Free of secondary amines
- Broad registration status
- Hard-water stable

APPLICATIONS

- Metalworking fluids (emulsions, semi-synthetic, synthetic)
- Rolling emulsions
- Mild alkaline metal cleaner
- Water-based hydraulic fluids

SPECIFICATION

Appearance* @ 50°C	Clear Liquid
Color, Gardner BYK @ 50°C	4 Max
% NaCl	0.1 Max.
Acid Value, mg KOH/g	180 – 205
% Moisture, K.F.	3.0 – 9.0
Solubility Test "2g Product + 2g Tea In 96 Grams Di Water"	Clear Liquid

* Product will start to crystalize at temperatures below 50°C.

STORAGE / HANDLING

Cola[®]Cor 186 should be stored in closed containers. Shipped in 5 gallon pails (net weight 40 lb/18.1 kg). Typical shelf life is 24 months from date of manufacture. Safety Data Sheets may be found at www.colonialchem.com.

Colonial Chemical

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