

COPOTHIN

Product Description

COPOTHIN® is an acrylic based, low molecular weight, polymer-type thinner used in most water-based drilling fluids up to 400°F. It is an effective thinner/deflocculant with exceptional tolerance to high temperature, divalent cations, pH fluctuations and salinity. It will replace traditional thinners in most applications, exceeding those products in performance and cost effectiveness. COPOTHIN® is used to maintain rheological stability in the presence of electrolyte contamination from salt, gypsum and cement. It will also aid in the prevention of high-temperature mud gelation.

Applications/Functions

- Deflocculate most water-based systems
- Helps minimize thermal flocculation
- Reduces shear strength development

Advantages

- Temperatures stable up to 400°F
- Readily soluble in water and can be added directly to agitated mud pits
- Excellent performance at low concentrations
- Effective in the presence of salt and divalent ions
- Not pH dependent
- Environmentally acceptable

Typical Properties

- Appearance: Colorless to yellow, viscous liquid
- Specific gravity: 1.10-1.25; pH: 4-8
- Boiling Point: 180-212°F; Solid Content: 45%

Recommended Treatment

- A typical range is 1- 4 ppb, but specific drilling conditions will dictate a suitable concentration

Package

55 GAL DRUM or 5 GAL PAIL



