BARATHIN-PLUS®

THINNER

Product Description
BARATHIN-PLUS® thinner is a highly effective deflocculant / thinner designed for use across a broad pH range as low as 8.5. BARATHIN-PLUS thinner competes effectively with tannin based thinners and is operable in fresh, saline or saturated salt water-based drilling fluids. It helps to control rheological and filtration properties in fluids with calcium or cement contamination. BARATHIN-PLUS thinner may be used to maintain lightly or fully dispersed drilling fluids. BARATHIN-PLUS thinner is environmentally responsible and is suitable for use at temperatures up to 350°F (177°C).

Applications/Functions
» Helps provide control of gel strengths and flow properties in non-dispersed and lightly dispersed systems while maintaining hole cleaning capabilities
» Helps control rheology in fresh water, sea water and salt water drilling fluid systems
» Helps control filtration rates of water-based drilling fluids at temperatures up to 350°F (177°C)
» Can effectively treat contamination from salt, cement, anhydrite, drilled solids

Advantages
» Specifically designed for low pH operations (8.5 – 9.5)
» Highly effective in small concentrations (0.1 – 0.25 ppb)
» Imparts tolerance to a wide variety of solid and mineralogical contaminants
» Temperature stable to 350°F (177°C)
» Contains no concentrations of chrome

Typical Properties
» Appearance: Brown-gold powder
» pH, (5% aqueous solution): 5.1
» Bulk Density, compacted: 44lb/ft³ (705kg/m³)
» Bulk Density, uncompacted: 22lb/ft³ (352kg/m³)

Recommended Treatment
1. To maintain non-dispersed system, 0.1 - 0.25 lb/bbl to control gel strengths.
2. To maintain a lightly dispersed system, 0.5 - 2.0 lb/bbl to control flow properties and filtration rates.
3. To maintain a fully dispersed system, 2.0 - 4.0 lb/bbl with appropriate pH at increasing levels as warranted.
4. To restore flow properties and filtration control after contamination, 2.0 - 8.0 bbl.

Packaging
BARATHIN-PLUS thinner is packaged in 25-lb (11.3 kg) sacks.