

CFR-10 DISPERSANT

Applications:

CFR-10 is an effective dispersant commonly used in well cementing applications. Using CFR-10 in cement blends can reduce the viscosity resulting in lower pumping rates to achieve turbulent flow.

Properties:

Appearance Tan powder
pH 9.5 (2%)
Specific Gravity 0.60
Solubility 10% in water

Effective from 50°F to 255°F
Used from 0.5% - 2.0% BWOC

Advantages:

- Decreased viscosity.
- Lower turbulent flow rates.
- Easy to blend.
- Minimal effect on thickening time.
- Increased efficiency of fluid loss additives.

Disadvantages:

- Increased free water.
- Can cause settling at higher concentrations.
- Not compatible with CaCl₂, SMS, and CFL-2.

Handling Precautions:

- Skin and eye irritant so goggles, protective clothing, and dusk masks should be worn.

