

AMC LIQUI SPERSE™

FLOCCULANTS & DISPERSANTS



Description

AMC LIQUI SPERSE™ is a polymeric thinner designed to effectively deflocculate bentonite muds and control rheological properties. It is a water soluble, easily dispersed liquid and requires only small concentrations to provide effective thinning results. AMC LIQUI SPERSE™ can be added to thin and stabilize bentonite muds prior to the addition of other additives such as AMC PAC L™ filtration reducing agent.

Application

Pilot testing is recommended prior to treating any system with AMC LIQUI SPERSE™. Incremental additions are recommended at 0.15 kg / m³ (0.05 lb / bbl) to determine the optimal concentration required. Over treatment can cause significant reductions to low end rheology (6 rpm & 3 rpm readings) as well as gel strengths which can then be difficult to recover once treatment has occurred.

Typical Physical Properties

Appearance: Clear, colourless to pale amber liquid
 pH (as supplied): 7 - 9
 Specific gravity: 1.1 - 1.4

Recommended Treatment

AMC LIQUI SPERSE™ is typically applied at a concentration of 2 – 8 kg / m³ (0.7 – 2.8lb/bbl) depending on the solids content, viscosity and/or degree of flocculation present.

Note: AMC LIQUI SPERSE™ is best dispersed through a PVC hootonanny or mixing hopper.

Please Note: Several factors will dictate the most appropriate concentration rate. Please contact your nearest AMC representative for optimum results.

Advantages

- Economical
- Stable in hard and salt contamination in make-up fluid
- Prevents excessive viscosity development in bentonite fluids
- Compatible with other AMC additives
- Easy handling and rapidly dispersing liquid
- Environmentally acceptable
- Assists with dispersing sticky clays particularly in HDD drilling.

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