

AMC FLOC DD™

FLOCCULANTS AND DISPERSANTS



Description

AMC FLOC DD™ is a specially formulated flocculant designed specifically to promote settlement of fine to colloidal sized drill cuttings in non-dispersed, polymer and low-solids water based drilling fluid systems. The cationic charge found in AMC FLOC DD™ neutralises the surface charges and also attaches to particles causing them to aggregate and form flocs, the flocs then settle quickly when entering the surface pits.

Application

AMC FLOC DD™ is very effective in encouraging flocculation in systems where solid particles are extremely fine to colloidal in size. AMC FLOC DD™ will assist in helping clarify a wide range of water based drilling fluid systems. The correct application of AMC FLOC DD™ will promote increased penetration rates, improved bit and reamer life and reduce pumping equipment maintenance. It is recommended the environment be neutral to mildly alkaline to achieve best performance.

Typical Physical Properties

Appearance: Clear liquid
 Specific gravity: 1.25 – 1.35
 pH (as supplied): 3.3 – 3.6

Recommended Treatment

For optimum results ensure the pH of the system is adjusted to 7.0 – 8.0. Slowly drip feed the solution into the flow-line or settling tank at a rate of 50 – 100 mL of AMC FLOC DD™ to 1000 L of water. Monitor the system properties and adjust addition rates to achieve the best results.

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

Advantages

- Used in low concentrations
- Readily disperses with minimal agitation
- Improves penetration rates
- Improved bit, reamer and pump life
- Will not cause staining of the core
- Compatible with most water based products.

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