

AMC 1300™

VISCOSIFIERS



Description

AMC 1300™ is a liquid non-ionic polymer specifically designed to perform in fresh water, saline environments and calcium chloride brines. AMC 1300™ will provide viscosity while also providing some lubrication to the drilling fluid resulting in improved hole stability and core recovery in broken, friable formations.

Application

AMC 1300™ is completely soluble and easily mixed to produce viscosity for hole cleaning and to form a protective polymer film over the drill core and bore hole surfaces. The polymer film maximises formation stability by encapsulating unstable formations and will promote solids settlement within the surface system.

Typical Physical Properties

Appearance: Translucent viscous slurry
Specific gravity: 1.0 – 1.2
Molecular charge: Non-Anionic

Recommended Treatment

AMC 1300™ should initially be mixed at 1.5 – 3.0L / m³ of make-up water.

As drilling progresses the concentration of AMC 1300™ should be monitored and added periodically as needed to maintain optimum viscosity for efficient hole cleaning and cuttings encapsulation.

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

Advantages

- Easily mixed in fresh to brackish water and calcium chloride brines
- Encapsulates water sensitive formations
- Improves hole stability
- Reduces rod vibration and torque
- Provides good lubrication.

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