

AMC 117™

CLAY & SHALE STABILISERS



Description

AMC 117™ provides superior shale and clay inhibition in polymer based drilling fluids. AMC 117™ reduces the potential for bit balling, torque and drag as well as other clay and shale related issues. All this is delivered by a product that is more environmentally acceptable than the inhibitor typically used, Potassium Chloride.

Application

It is important to observe the condition of cuttings at the shakers, sticky or soft cuttings may indicate insufficient inhibition as a result of depleted AMC 117™. When added to a solids laden mud, AMC 117™ will cause flocculation to occur resulting in a significant increase in viscosity. AMC 117™ should be added to the system before drilling into the troublesome shale or hydratable clay section.

Typical Physical Properties

Appearance:	Clear liquid
pH (1% solution):	8 – 10
Specific gravity:	1.08 – 1.18
Solubility in water:	Soluble

Recommended Treatment

The recommended concentration is 1-3.5% by volume, with concentration ultimately depending on shale reactivity and the amount present in the section to be drilled.

AMC 117™ is consumed as the formation is drilled and a proper concentration must be maintained. For optimum results, monitor penetration rates, rheology, dilution and solids control and adjust hourly treatment as necessary.

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

Advantages

- Provides excellent shale inhibition
- Environmentally acceptable
- Compatible with most water based systems
- Prevents bit balling
- Reduces torque and drag

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