

AMC RESI DRILL™

FLUID LOSS CONTROL AGENTS



Description

AMC RESI DRILL™ is a product designed to give any drilling fluid non-invasive properties. It reduces dynamic filtration loss, stabilises wellbores and protects reservoirs from damage. The product is formulated to reduce fluid loss and stabilise shale by preventing filtrate invasion into permeable structures. Filter cake and differential sticking are therefore minimised and weak formations are stabilised. The product also has a high degree of environmental acceptability.

Application

By reducing dynamic filtration loss, AMC RESI DRILL™ prevents the formation of a thick filter cake while drilling through pressure depleted formations. It improves the performance of solids control equipment by aggregating fine solid particles making them easily removed. The non-invasive properties AMC RESI DRILL™ creates results in the protection of reservoirs from permeability reduction as a result of exposure to drilling fluids. 5 – 15 kg / m³ (1.75 – 5.25 lb / bbl) of AMC RESI DRILL™ added to any fluid containing solids will limit fluid invasion thus protecting the reservoir permeability. If the fluid is free of any solids 20 – 40 kg / m³ (7 – 14 lb / bbl) may be needed initially until some solids are generated.

Typical Physical Properties

Appearance: Dark brown powder
Specific gravity: 0.85 – 1.10

Recommended Treatment

5 – 15 kg / m³ (1.75 – 5.25 lb / bbl) to any fluid containing solids with an initial treatment of 20 – 40 kg / m³ (7 – 14 lb / bbl) needed for fluids that are free of solids.

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

Advantages

- Reduces dynamic filtration loss
- Prevents the formation of a thick filter cake while drilling through pressure depleted formations
- Increases formation stability
- Functional in solids free fluids
- Environmentally acceptable.

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