

AMC BORE SEAL™

LOST CIRCULATION MATERIALS



Description

AMC BORE SEAL™ is used to improve borehole stability and core recovery by improving fluid loss control, seepage loss and other fluid loss control situations in highly porous and fractured formations. It is available in three grades – (F)ine, (M)edium and (C)oarse. AMC BORE SEAL™ F fibers will matrix within the wall cake to form an impermeable thin skin on the filter bed resulting in minimal fluid invasion into formation. AMC BORE SEAL™ M & C can be used as loss circulation additives when more severe losses are encountered.

Application

AMC BORE SEAL™ is added in the active system. AMC BORE SEAL™ F is ideal for stabilizing formations such as micro-fractured shale, coal, unconsolidated sand and limestone. The medium grade is most effective in sealing medium to fine fractures and porous zones and can be used with most bits. AMC BORE SEAL™ C seals large fractures and highly permeable formations and pumps easily through large jets or open pipe.

AMC BORE SEAL™ F is suitable for use in active systems where shaker screens are in use. The Medium and Coarse grades contain larger sized material that may screen off on shaker screens if excess material returns to surface.

Typical Physical Properties

Appearance: Light tan to brown powder
Solubility in water: Insoluble

Recommended Treatment

AMC BORE SEAL™ F is used from 3 – 15 kg / m³ (1 – 5 lb / bbl) depending on the nature of the mud system and formation being drilled

Medium and Coarse grades are typically applied as a concentration pill ranging from 40 – 115kg/m³ (14 – 40 lb/bbl) depending on the severity of the losses.

Advantages

- Controls seepage loss
- Stabilises unconsolidated sand and other highly porous or fractured formations
- Helps prevent stuck pipe
- Environmentally acceptable.

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

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