

BaraShield[®]-663

LOST CIRCULATION MATERIAL

Product Description

BaraShield[®]-663 premium fine-sized granular multi-modal lost circulation material (LCM) is used to provide wellbore stability in any fluid type and is applicable in any formation, but not intended for reservoir applications. Its proprietary, engineered particle formulation is designed to rapidly seal pores and fractures up to at least 500 microns. BaraShield-663 LCM is designed to be used as a continuous LCM treatment in the whole drilling fluid, when shakers are equipped with API #30 screens, or larger.

Applications/Functions

- » Prevent losses to unconsolidated sand and highly permeable formations
- » Applicable for sealing microfractured shale or coal
- » Applicable for when drilling into naturally fractured formations (partial loss-prone areas)
- » Applicable in deepwater wells and depleted formations

Advantages

- » Engineered, composite solution to provide a proactive approach to wellbore stability
- » Forms strong, thin, low permeability barrier along face of the wellbore to prevent pressure transmission
- » Reduces cavings and hole enlargement
- » Increased rig-floor efficiency:
 - Reduces footprint on rig floor
 - Lowers costs associated with excess inventory and space
 - Minimizes time to cut and mix sacks from different pallets
 - Helps reduce HSE incidents and waste with less sacks to lift and cut

Typical Properties

- » Appearance: Grey particles
- » Solubility: At least 33% acid soluble
- » Specific gravity: 1.6-2.0

Recommended Treatment

For plugging pores, typical concentrations should be around 10 lb/bbl. For sealing fractures up to 500 microns, typical concentrations should be around 20-40 lb/bbl.

Packaging

BaraShield-663 LCM is packaged in 50 lb (22.7 kg) sacks.

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