

Product Description

BaraShield-663 premium fine-sized granular multi-modal lost circulation material is used to provide wellbore stability and mud loss prevention in any fluid type and is applicable in any formation – 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 lost circulation material 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

- ‘One-Sack-Solution’ to provide a proactive and more reliable approach to wellbore stability and mud losses
- Promotes formation of a strong, thin, low permeability barrier along face of the wellbore to prevent pressure transmission
- Reduces cavings and hole enlargement
- Increased rig-floor efficiency:
 - Improves fluid sealing reliability
 - 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 lost circulation material is packaged in 50 lb (22.7 kg) sacks.

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