

# BaraShield<sup>®</sup>-664

## LOST CIRCULATION MATERIAL

### Product Description

BaraShield<sup>®</sup>-664 medium-sized granular multi-modal lost circulation material (LCM) is used to prevent or remediate seepage to partial lost circulation 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 fractures up to at least 1,000 microns. BaraShield-664 LCM is designed to be used as a continuous LCM treatment in the whole drilling fluid, when shakers are equipped with API #18 screens, or larger.

### Applications/Functions

- » Prevent losses to unconsolidated sand and highly permeable formations
- » Applicable for when drilling into naturally fractured formations (partial loss-prone areas)
- » Remedial pill treatments can be enhanced with addition of BaraLock<sup>®</sup>-666 (.F, .M, .C) LCM

### Advantages

- » Engineered, composite solution to prevent and remediate seepage to partial lost circulation
- » 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 sealing fractures up to 1,000 microns, typical concentrations should be around 40 lb/bbl. For sweep pill applications, add 0.5 lb/bbl of BaraLock-666 LCM to 40 lb/bbl of BaraShield-664 LCM.

### Packaging

BaraShield-664 LCM is packaged in 50 lb (22.7 kg) sacks.

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