

SHIELD BOND[®] LC_{1k}

Wellbore Shielding[®] Spacer Additive for Lost Circulation



Product Specifications



DESCRIPTION

SHIELD BOND[®] LC_{1k} lost circulation additive is added to the SHIELD BOND[®] and SHIELD BOND[®] NXT wellbore shielding[®] spacer systems to remediate against moderate, complete and total losses. SHIELD BOND[®] LC_{1k} is formulated to prevent losses with fracture sizes of 1000 microns and permeability's up to 3500 darcies.

ADVANTAGE

Enhances the SHIELD BOND[®] spacer system's effectiveness when losses are problematic

Effective at sealing a wide range of fracture widths in various formations

Withstand differential pressures >1,000psi

APPLICATION

Used during partial to total lost circulation where fracture sizes of 1,000 microns were experienced

Used in high permeability formations, unconsolidated and fractured formations when losses were observed during the drilling phase.

ENVIRONMENTAL ADVANTAGE

Environmentally compliant for use in all areas

PLONOR listed for North Sea use, HMCS Category P, OCNS Group E

Passes the North America 96-hr LC50 bioassay mysid shrimp

TREATMENT RECOMMENDATIONS

For seepage losses recommended treatment ranges from 10-20 lb/bbl

For severe lost circulation recommended treatments of 30-50 lb/bbl

PHYSICAL PROPERTIES

Appearance: Coarse, brown powder

Temperature: 400 F (204 C)

Specific gravity 1.44 g/cm³

HANDLING AND STORAGE

SHIELD BOND LC_{1k} should be stored in a dry environment. Avoid excessive dust and inhalation. Use appropriate PPE and review the SDS before use.

PACKAGING

SHIELD BOND LC_{1k} is available in 25-lb, multiwalled bags. 1250 pounds per pallet (50 sacks)..