TBlockSure® 100

Self-Degradable Diverting Agent

Applications

- Temporary blocking agent for perforations, matrix permeability, or fractures during stimulation treatments at temperatures between 180°F (82°C) and 300°F (149°C)
- Temporary diverting agent for multistage fracturing or acidizing treatments .
- · Fluid-loss control additive for treatment of high-permeability formations
- · Fluid-loss or lost-circulation pills to control fluids lost to thief zones

Safety Notices

- · Consult the MSDS, safety posters, or product label before use, and use personal protective equipment as advised.
- Observe standard precautions when handling this and all other organic chemicals.

Usage

- Blocks perforations in which typical loading ranges from 1 to 25 lb (0.45 to 11.34 kg) per perforation, mixed at concentrations of 0.25 to 6 lb/gal (30 to 719 kg/m³) of pill volume
- · Acts as a fluid-loss or lost-circulation material in which typical loading ranges from 25 to 100 lb/1,000 gal (3 to 12 kg/m³) of treatment volume
- Works with TBlockSure 7 to improve perforation-blocking efficiency
- · Can be metered through sand screw or standard dry-additive mixer

Advantages

- Serves as a temporary, degradable diverter or fluid-loss control agent for stimulation or workover fluids
- Works with water-based stimulation fluid systems
- Has a controlled degradation process that depends on temperature, time, and pH level
- Degrades to a byproduct that is water soluble and compatible with most stimulation and produced fluids
- Provides a highly effective seal for perforation when combined with TBlockSure • 7
- Offers a cost-effective alternative to the plug-and-perforation technique for multistage fracturing treatments

Description

TBlockSure 100 is a medium- to high-temperature self-degradable material that



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is used as a temporary blocking agent in reservoir stimulation treatments. TBlockSure 100 dissolves with time and temperature, and completely removes the bridging agent.

Typical Physical Properties

Appearance	Opaque powder
Particlesize	US 100 mesh
Assay	>98%
Specificgravity	1.23 to 1.25
Form	Solid
Odor	Sweet



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