

Liquid Casing CURE

Wellbore Stabilizing Additive for Mixed Sized Fractures



Overview

A wellbore stabilizing and noninvasive fluid additive (NIF) for loss circulation. Generally used in whole system to treat hole sections that have mixed sized fractures.

The product is biodegradable, passes through a 1/4 dry screen, and does not block mud motors or tools.

Liquid Casing® Cure was formulated for mixed sized fractures within the same hole section, such as a combination of induced and natural fractures.

Liquid Casing® Cure is designed to replace Liquid Casing® Fine in the whole mud system, or to enhance a mud system already using Liquid Casing® Fine to prevent losses. Where used to enhance rather than replacing Liquid Casing® Fine in the whole mud system, 1-2 sacks of Liquid Casing® Cure should be added to the whole mud system for every 100-150 feet drilled.

Safety & Handling

Refer to the safety data sheets (SDS) for handling, transport, environmental and first aid information by contacting admin@liquidcasing.com.

Note: The use of solid lost circulation materials should be limited when pumping through small orifices, including liner hangers, stage collars, and poppet-type float collars and casing shoes. The use of bottom plugs with these materials is not recommended.

Features and Benefits

- Seals MIXED-SIZED fractures
- Maximum return permeability
- Wellbore stabilizing
- No adverse affects to mud rheology
- Reduces torque and drag
- Reduces wall cake permeability
- Prevents stuck pipe
- Prevents differential sticking
- Logging and casing runs smoothly
- Forms effective internal and external filter cake
- Compatible in OBM, WBM and SBW
- Approved for use in North Sea
- 100% Biodegradable and nontoxic

Applications

- Seals depleted sands and fractured formations
- Seals highly permeable formations with compressibility

Cementing Application

- Mix 20 ppb LC Cure with 10 ppb LC Coarse and 2 ppb HEC Polymer

Workover Application

- Mix 15 ppb LC Cure with 15 ppb LC Coarse and 2 ppb XC Polymer

Appearance	Typical temp. range	Typical concentration	Specific Gravity	Bulk Density	Absolute volume
Tan granular, free flowing powder	Up to 400°F (204°C) BHST	10 to 25 lb/bbl (28.5 to 71.3 kg/m3)	60% 0.8-1.0 40% 1.0-1.3	33.09 lb/ft3 530 kg/m3	0.0799 gal/b (0.6671 L/kg)