

Liquid Casing CURE

Wellbore Stabilizing Additive for Enhancing Liquid Casing® Fine During Drilling



Overview

A wellbore stabilizing and noninvasive fluid additive (NIF) for loss circulation. Generally used in hole sections that have a wide mix of fractures up to 850 microns. The product is biodegradable, passes through a 1/4 dry screen, 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 manufactured with a mechanical particle size and shape distribution tailored to support and enhance Liquid Casing® Fine during Drilling. It is recommended to add 1 twenty-five pound sack of Liquid Casing® Cure to every 2 twenty-five pound sacks of Liquid Casing® Fine every 100-150 feet while drilling in order to maintain Liquid Casing® Fine in the system.

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 fractures up to 850 microns
- 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 OBW, 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)	1.4-1.5	33.09 lb/ft3 (530 kg/m3)	0.0799 gal/b (0.6671 L/kg)