

LSPCR® 1000

Spacer Fluid System / Cementing Additive for Maximum Plugging and Protection of the Wellbore During Cementing



Features and Benefits

- Near 100% return permeability
- Prevents cement fallback post placement
- Effective in high-temperature, highly permeable fractured and mechanically weak formations
- Protects the formation from damage by preventing invasion of filtrate and cement.
- Minimally invasive additive due to strong seal formation.
- Well bore strengthening
- Compatible in OBM, WBM and SBM
- 100% biodegradable and organic.
- Allows cement to return to the surface, preventing top-outs.
- Removes gelled fluids and enhances hole cleaning

Overview

LSPCR® 1000 has a proprietary particle size and shape distribution designed to form a minimally invasive seal that halts the invasion of filtrate and cement into the formation while promoting well bore stability and strength. With nearly 100% return permeability LSPCR® 1000 protects the cement from harm. LSPCR® 2000 should be added to the LSPCR® 1000 spacer system where large and mixed fractures are expected or total losses occur to minimize the need for remedial cement jobs.

Applications

- Seals highly fractured, permeable and mechanically weak formations
- prevents cement from being lost to formation, reducing need for remedial cement jobs
- Seals depleted sands and micro-fractures
- Minimally invasive
- Protects, reinforces and strengthens the wellbore
- Effectively treats major loss circulation and cement losses

Safety & Handling

For handling and safety information and instructions refer to the Product Safety Sheet by emailing Liquid Casing, Inc. at admin@liquidcasing.com. Refer to the safety data sheets (SDS) for handling, transport, environmental and first aid information by contacting admin@liquidcasing.com

Appearance	Typical temp. range	Typical concentration	Specific Gravity	Bulk Density	Absolute volume
<i>Tan granular, free flowing powder</i>	<i>Up to 400°F (204°C) BHST</i>	<i>10 to 25 lb/bbl (28.5 to 71.3 kg/m3)</i>	<i>1.5</i>	<i>33.09 lb/ft3 530 kg/m3</i>	<i>0.0799 gal/b (0.6671 L/kg)</i>