



# P-LFS

## TECHNICAL DATA SHEET

DATE: 1-10-26

### PETROCHEM – LAMINAR FLOW SPACER (POWDER)

#### PRODUCT DESCRIPTION

P-LFS is a powdered spacer additive designed to provide laminar flow displacement between drilling fluids and cement slurries. It improves fluid separation and supports effective mud removal during cementing operations.

#### APPLICATIONS

- Spacer systems for cementing operations
- Separation of drilling fluids from cement slurries
- Water-based and brine-based spacer systems

#### TECHNICAL DATA

- Promotes laminar flow displacement
- Improves separation between drilling fluids and cement slurries
- Supports solids suspension within spacer systems
- Maintains spacer stability under circulating conditions

#### TYPICAL PROPERTIES

- Appearance: White Powder
- Specific Gravity: 2.53
- Temperature Range: 250°F (121°C)

#### RECOMMENDED TREATMENT

- Typical concentration: 0.1% – 1.5% BWOW
- Add P-NSL2 for oil-based compatibility if required
- Final formulation must be confirmed through laboratory testing under actual system conditions

#### PACKAGING

- Packaged in 40 × 50 lb (22.7 kg) sacks per pallet
- Bulk or custom packaging options available upon request

#### SAFETY

- Refer to the Safety Data Sheet (SDS) prior to handling or use

#### NOTICE

The information provided herein is offered in good faith; however, no warranties, express or implied, are made. Users are responsible for determining product suitability and performance under actual operating conditions.