P-FL450

TECHNICAL DATA SHEET

DATE: JANUARY 1, 2026

PETROCHEM – LOW TO HIGH TEMPERATURE FLUID LOSS CONTROL ADDITIVE 450 (POWDER)

PRODUCT DESCRIPTION

P-FL450 is a powdered fluid loss control additive designed for low to high temperature oilwell cementing applications. It supports efficient cement placement and reliable zonal isolation across a broad range of downhole conditions.

APPLICATIONS

- Primary and remedial cementing operations
- Low to high temperature, including HTHP cementing applications
- All API cement classes
- Freshwater, saltwater, and seawater cement slurries
- Conventional and lightweight cement systems

TECHNICAL DATA

- Controls API fluid loss and minimizes filtrate invasion into permeable formations
- Maintains slurry stability, consistent rheology, and pumpability during mixing and placement
- Compatible with conventional cement dispersants and retarders, subject to laboratory testing
- Suitable for dry blending with cement prior to slurry preparation

TYPICAL PROPERTIES

- Appearance: White Powder
- Specific Gravity: 1.65
- Temperature Range: < 450°F (232°C)

RECOMMENDED TREATMENT

- Typical concentration: 0.25–1.5% BWOC
- Final dosage and performance must be confirmed through laboratory testing under representative well 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.