



P-SR400L

TECHNICAL DATA SHEET

DATE: JANUARY 1, 2026

PETROCHEM – HIGH TEMPERATURE SYNTHETIC RETARDER 400 (LIQUID)

PRODUCT DESCRIPTION

P-SR400L is a high temperature liquid cement retarder designed to extend thickening time, control the rate of set, and maintain slurry pumpability in cementing systems. It enables reliable slurry placement in high temperature and high pressure (HTHP) well conditions up to 204°C / 400°F.

APPLICATIONS

- Primary and remedial cementing operations
- Freshwater and seawater slurry systems
- High temperature and high pressure (HTHP) wells (< 204°C / 400°F)

TECHNICAL DATA

- Retards cement hydration to extend thickening time
- Controls rate of set for improved placement control
- Maintains slurry pumpability during placement
- Compatible with commonly used oilwell cements and additives
- Disperses easily in mix water

TYPICAL PROPERTIES

- Appearance: Brown Liquid
- Specific Gravity: 1.22
- Temperature Range: < 204°C / < 400°F

RECOMMENDED TREATMENT

- Typical concentration: 0.05 – 1.0 gal/sack of cement
- Final dosage must be confirmed through laboratory testing under actual system conditions

PACKAGING

- Packaged in 4 × 55-gallon (208 L) drums per pallet

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.