



# P-CWL1

## TECHNICAL DATA SHEET

DATE: JANUARY 1, 2026

### PETROCHEM – CHEMICAL WASH LIQUID 1 (WATER-BASED)

#### PRODUCT DESCRIPTION

P-CWL1 is a biodegradable nonionic surfactant-based chemical wash additive for cementing pre-flush and spacer systems.

P-CWL1 is designed to disperse residual water-based drilling fluids, improve wellbore surface conditioning, and reduce mud-related contamination prior to cement placement.

#### APPLICATIONS

- Water-based drilling fluid removal prior to cementing
- Cementing pre-flush and spacer systems
- Wellbore conditioning and mud displacement support
- Reduction of residual mud contamination
- Pipe and formation surface conditioning

#### TECHNICAL DATA

- Promotes dispersion of residual water-based mud
- Helps improve spacer and pre-flush efficiency
- Supports cleaner pipe and formation surfaces
- Reduces the risk of cement slurry contamination
- Assists in establishing improved bonding conditions before cement placement
- Compatible with conventional cement spacer systems

#### TYPICAL PROPERTIES

- Appearance: Clear Amber Liquid
- Specific Gravity: 1.01
- Temperature Range: Up to 300°F (149°C)

#### RECOMMENDED TREATMENT

- Typical concentration: 1 – 2 gal/bbl of wash fluid
- Treatment level should be confirmed by laboratory testing under actual drilling fluid, spacer, and cementing conditions

#### PACKAGING

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