

UltraBond Spacer System

Enhanced zonal isolation with improved fluid compatibilities and displacement efficiencies

Applications

Vertical and horizontal wells

Features and Benefits

- Effective mud removal:
 - Improves fluids compatibilities
 - Enhances displacement efficiencies
 - Achieves linear hierarchy
 - Promotes hole cleaning and enhances cement bonds
- Engineering optimization
 - Provides proper friction pressure hierarchy requirements
 - Allows for rheological versatility for specific well conditions
 - Delivers a simple approach to design methodology
- Operational efficiency
 - Prepares and pumps with conventional cementing equipment

The Baker Hughes **UltraBond™ Spacer System** is a high-performance water-based spacer designed to effectively displace the drilling fluid in the annulus, improve fluids compatibilities, optimize displacement efficiencies, and provide improved cement bonding. The UltraBond system's rheological properties can be engineered by adjusting polymer concentration depending on particular well requirements.

This high-performance spacer system promotes effective mud removal by providing adequate friction pressure hierarchy for multiple scenarios.

With the aid of different surfactant packages, the UltraBond Spacer System can be used with a wide range of non-aqueous drilling fluids.

Contact your Baker Hughes representative today or visit www.bakerhughes.com to find out how the UltraBond Spacer System can help you optimize your wellbore mud removal and enhanced zonal isolation.

Properties / specifications:

Typical properties

Typical temperature range	Up to 325°F
Appearance	8.5 ppg to 16 ppg