

ULTRAFLOC L

SHALE CONTROL INHIBITOR

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ULTRAFLOC L is an anionic liquid emulsion polymer that provides shale stability, viscosity, and lubricity in water based drilling fluids. ULTRAFLOC L contains 30% active high molecular weight partially hydrolyzed polyacrylamide polymer in an easy to mix liquid emulsion.

FEATURES AND BENEFITS:

Shale Stabilization: Encapsulates reactive shale platelets by forming a protective layer on the wellbore and around drilled cuttings, decreasing the shale's tendency to absorb water, swell and slough-off. Works alone or in conjunction with KCl to stabilize active shales.

Flocculation: Will promote solids settlement in the mud pit by adding small amounts at the flowline.

Friction Reduction: Has thinning properties that reduce power losses at points of high shear, especially at the drill bit, and other restrictions such as at the pump discharge, drill collars, etc.

Viscosity: A very cost-effective viscosifier for low salinity clear-water drilling operations. Its shear-thinning properties ensure maximum power to the bit under high shear, excellent carrying capacity under low shear, yet allows easy solids removal in the mud pits.

Foam Stabilization: A long-chain polymer structure that aids foam drilling by creating a tighter, stronger foam, enhancing cuttings removal and reducing water requirements. It is compatible with all common foamers.

RECOMMENDED TREATMENT:

Shale Stabilization: Filtrate concentration range from 0.5 kg/m³ for slightly hydratable shales to 1.5 kg/m³ for moderately hydratable shales. Gumbo shales may require concentrations as high as 3.0 kg/m³.

Flocculation: 1L/30m hole drilled. Holes larger than 222mm may require higher concentrations.

PHYSICAL PROPERTIES:

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|-------------------|--|
| Appearance: | Off-white milky liquid; AROMATIC ODOUR |
| Activity: | 30% |
| Specific Gravity: | 0.99 -1.03 g/cc |
| Solubility: | Soluble |
| Total Solids: | 31 - 33% |

MIXING/HANDLING:

Mix slowly through the hopper. Refer to the SDS for specific handling requirements.

MICROTOX® THRESHOLD: TBD

PACKAGING: 20L pails / 32 pails/pallet