



Technical Data Sheet

SAFEVERT LEM

Product Description

SAFEVERT LEM is a vegetable based solid low-end rheology modifier for use in oil and synthetic base mud systems. By increasing the low shear rheology of a mud system, SAFEVERT LEM enhances solid suspension and improves the stability of weighted mud systems in horizontal and deviated wells.

Applications:

SAFEVERT LEM Increases low shear rheology of invert emulsion muds while enhancing cuttings transport and well clean-up. It also reduces barite sag by increasing gel strengths of oil based and synthetic based systems. The non-progressive, fragile gels are easily broken Improves solid clean-up in highly deviated and horizontal wells Applicable in a wide range of oil/water ratio's Temperature stability up to 400°F

Treatments:

Typical concentrations of SAFEVERT LEM range between 0.7 to 5.7 kg/m³ (0.25 to 2 ppb). Add SAFEVERT LEM in an adequately agitated system at temperatures above the melting point. SAFEVERT LEM is activated by adding 1 lb/bbl of lime to the system

KEY BENEFITS

- Increases low shear rheology in invert emulsion mud systems.
- Temperature stable up to 400°F
- Enhances cuttings transport and well cycle clean-ups.
- Reduces barite sag.

Key Properties

Color	Dark Brown
Physical Form	Liquid
Sg	0.8 - 0.9
Packaging	55 gl drum