HEC L

P1436.1602

WBM Drilling

Product Description

HEC L polymer is a pure high-viscosity hydroxyethyl cellulosic polymer suspended in an ultra-clean mineral oil. HEC Liquid Polymer contains approx 40% by weight high-quality HEC.

Product Function

The principal use of HEC L is the attainment of viscosity in drilling, completion and work over fluids. Fluids viscosified with HEC L will exhibit high apparent viscosity, high yield point and low fragile gel strengths.

Features and Benefits

HEC L is shear thinning, has low gel strengths and can be mixed rapidly when preparing viscosity sweeps for cleaning large diameter surface holes. HEC L allows for efficient quick mixes and sweeps without the need for elaborate and expensive mixing equipment. HEC L is easy to handle and mixes well in low shear rate environments - Works well at High salinity - Increases carrying capacity of fluid - May be poured down drill pipe - No “fisheyes” - Extremely stable suspension - Highly effective viscosifier - No preservative needed

Recommended Treatment

Please see below general recommendation. As a general viscosifier for workover and completion fluids(0.25 to 0.75 gal/bbl) As viscosifier in carrier fluid in gravel packing(0.0 to 1.0 gal/bbl) For viscous hole sweeps in horizontal drilling(0.50 to 0.75 gal/bbl) For carrying capacity in clean fracture fluids (0.50 to 1.00 gal/bbl) It is highly advisable to decide dosage based on pilot testing. Special Use 1. As a viscosifier in NaCl, KCl and CaCl? brine upto 250 °F 2. As a thickener for CaBr? upto 150 °F.

International Shipping References

Transportation of HEC L is not restricted by any regulatory agency.

Standard Packing

HEC L is packaged in 5 gallon pails.

Safe Handling Recommendations

Utilize normal precautions for employee protection when handling chemical products. Utilize appropriate respirator, gloves, goggles and apron. Refer to the Material Safety Data Sheet (MSDS) for this product prior to use.

Typical Physical Properties

- Physical State: Liquid
- Reservoir Compatible: Both
- Sub Category: Polymeric
- SG value: 0.99
- Specific Gravity: 0.95 - 1.05
- Max Temperature: 280
- Category: Viscosifiers
- Product Tier: Regular
- Appearance: Cream colour liquid

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