

# Liquid DHS HEC POLYMER



DOWNHOLE SOLUTIONS, INC.

Downhole Solutions's *LIQUID DHS HEC Polymer* is a pure high-viscosity Hydroxyethyl Cellulosic Polymer suspended in an ultra-clean mineral oil with less than 0.01% aromatics. *Liquid DHS HEC Polymer* contains 40% by weight high-quality HEC polymer. Downhole Solutions's *Liquid DHS HEC Polymer* will not experience the separation which is evident in other liquid products. Downhole Solutions's has eliminated settling of the HEC polymer solids while the product remains fully pourable.

## Handling

For specific instructions on handling, refer to the MSDS.

## Packaging

Disposable pails.

Other packaging options are available.

## Environmental

Liquid DHS HEC Polymer is generally non-polluting and safe to handle

### Physical Properties:

Specific Gravity @ 60°F .....	0.96 - 0.97
Density (lbs./gallon) .....	8.00 - 8.09
Flash Point .....	179°F
Color .....	Tan

### Advantages:

- *Liquid DHS HEC Polymer* provides reliable rapid dispersion
- Smooth, viscosity with no lumping
- No "fish eyeing" problems
- Compatible with most drilling muds, workover and completion fluids.
- No settling, No pack down, or separation - remains pourable.

**Application:** For a typical treatment to obtain Marsh funnel viscosity of 35-40 sec./qt., mix 5 gallons Liquid DHS HEC per 20 barrels of fluid.

**Handling:** Improper handling of this product may cause injuries to workers. Observe all safety precautions shown on the label and in the Material Safety Data Sheet.

