

FLUID VIS, HEC

LIQUID VISCOSIFIER DATA SHEET

GENERAL INFORMATION

FLUID VIS, HEC viscosifier is a suspension of high quality Hydroxyethylcellulose (HEC Polymer), a pure organic mineral oil, which assists in dispersion and helps prevent lumps or “fish eyes” so that the polymer hydrates rapidly and uniformly without the need for high shear.

APPLICATION

FLUID VIS, HEC is designed to provide rapid and uniform viscosity to drilling, completion, and work over fluids. It can also be used to provide viscosity for pills and spacers, fluid loss control, hole cleaning while washing, milling or reaming, gravel pack fluids, and non-damaging drill-in-fluids.

The amount of **FLUID VIS, HEC** required to obtain a specific viscosity is dependent upon the composition and density of the brine fluid. A typical treatment usually ranges from 0.25 to 0.75 gallon per bbl. Other applications such as displacement spacers and fluids for drilling, milling, under-reaming, and gravel packing operations may require higher concentrations. Please consult a **Fluid Technology Service** representative for a specific application recommendation.

PHYSICAL PROPERTY

- Appearance: Tan Liquid
- Specific gravity @ 60 °F: 1.06
- PH: Neutral
- Flash Point: 212 °F
- Activity per Pail: 34%

ADVANTAGES

- Yields faster than dry polymers.
- Hydrates rapidly and uniformly without the need of high shearing.
- Breakable polymer for non-damaging applications.
- Readily disperses in most brine systems.
- Stable in temperatures up to 150 °F.

SAFE HANDLING

Handle as an industrial chemical, wearing protective equipment and observing the precautions as described on the Safety Data Sheet (SDS).

PACKAGING

FLUID VIS, HEC is packaged in 5 gallon pails commonly or tote tanks at request.