

Anco Thin HT L

Solutions Through Technology..... Environmentally Friendly Chemicals

Product Description

Anco Thin HT L is a proprietary blend of thermally stable, synthetic polymers, supplied as a high concentration aqueous solution. It is effective at temperatures in excess of 400°F. **Anco Thin HT L** tolerates (resists) the contaminating effects of calcium & magnesium ions. It enhances and improves filtration rate control, functions at virtually all pH levels, and is non-toxic – contains no heavy metals. **Anco Thin HT L** can be used when drilling green cement.

Application

Anco Thin HT L is a thermally stable, deflocculant (thinner) and polymeric encapsulator for clay and/or solids containing water based fluids. It is an environmentally acceptable alternative to heavy metal lignosulfonate, lignite, and tannin based thinners. **Anco Thin HT L** can be used to modify and stabilize the viscous properties of water based fluids and is an effective additive for controlling rheology during break over to a salt water system. A high concentration pill (or sweep) of **Anco Thin HT L** can also be used to induce the breakdown of wall cake prior to cementing or completion operations. **Anco Thin HT L** also provides supplementary inhibition (encapsulation) to reactive shales and claystones in fluid systems that cannot tolerate the addition of Anco Pol (PHPA) or other high molecular weight polymers.

Recommended Treatment

Optimum treatment with **Anco Thin HT L** will depend upon desired function, pre-existing properties, and total solids content of the fluid. Typical treatment levels are within the range of 0.125 to 1.0 gal/bbl (0.3 – 2.4 l/m³). Treatments to enhance inhibition (encapsulation) are typically within the range of 0.25 – 0.75 gal/bbl (0.6 – 1.8 kg/m³).

Handling

Always wear proper Personal Protective Equipment. Avoid skin contact. Wash hands thoroughly with soap and water after use. Avoid contact with eyes. If contact occurs, flush eyes immediately with water for 15 minutes while holding eyelids open. *See SDS for further details regarding the safe use of this product.*

Storage

Store in closed containers, at ambient temperatures. Long-term outside storage should be avoided when possible.

Packaging

Anco Thin HT L is packaged in 55 gallon non-returnable steel drums or in 5 gallon plastic pails.

Typical Chemical and Physical Properties

Specific Gravity g/cm ³	1.27 – 1.3
Solubility	Solubility in water is limited by viscosity
Appearance	Clear pale yellow to amber liquid
Color	Amber
pH.....	6.5-7.0
Odor	Odorless to light mild
Boiling Point, °F.....	212
Temperature Stability, °F	>400