
DSC LIQUID XA-E
Viscosifier and Fluid Loss Control Additive

Description:

DSC LIQUID XA-E is a natural bio-polymer (Xanthan Gum) suspension in an environmentally safe organic gel system. It is an ideal viscosifier for low-density brines and lease water.

Application:

DSC LIQUID XA-E can be utilized to viscosify fresh and brine waters such as sodium chloride, potassium chloride. **DSC LIQUID XA-E** has all the viscosity building properties of natural gums and guar, but is not adversely affected by bacteria or cement. With good mixing equipment, this product usually can be used to build high viscosities in low-density brine waters. However, with poor mixing equipment, or poor agitation, there is a possibility of developing "fisheyes" (polymer that has not been completely wet and forms a ball or eye-shaped solid. This solid mass will not mix and is potentially damaging to the formation. Each natural polymer granule has been prewet with a hydrocarbon allowing the product to lose this coating slowly and assume the proper wetting rate, eliminating the possibility of fisheyes.

Recommended Treatment:

The treatment will vary on each application but normally 0.5 gallon/bbl of brine will be required. **DSC LIQUID XA-E** is acid soluble and enzyme degradable polymer system. A wide variety of breakers are also available. **DSC LIQUID XA-E** is thermally degraded at approximately 270°F.

Physical Properties:

<i>Specific Gravity:</i>	= 9.1 ppg
<i>Active polymer in suspension:</i>	= 4 ppg
<i>LC50 of slurry in Sea Water:</i>	= >30,000 ppm
<i>Oil & Grease of the slurry in Sea Water:</i>	= <15ppm

Shipping & handling instructions:

DSC LIQUID XA-E is shipped in 5 gallon pails. A Material Safety Data Sheet outlining recommended safe handling of **DSC LIQUID XA-E** is available upon request