



Just The Right Chemistry

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Technical Data Sheet

DSC LIQUID VIS E ENVIRONMENTALLY SAFE LIQUID VISCOSIFIER

Description:

DSC Liquid Vis E is a liquid viscosifier comprised of HEC polymer suspended in a gelled environmentally safe water miscible base fluid. The viscous suspension is stable and the shelf life of the polymer is more than three years.

Application:

DSC Liquid Vis E is an environmentally safe product that is designed for viscosifying both low and high density brine fluids in the 9 ppg to 17 ppg density range. The HEC pill does not sheen in seawater. The oil and grease content of the pill in 3% brine solution is below the environmental regulation limit of 29 ppm.

Recommended Treatment:

Depending upon the desired viscosity, a concentration of 1 to 4 gallons of DSC Liquid Vis E per barrel is recommended. DSC Liquid Vis E mixes easily with low and high density brines and a viscous pill can be prepared by pouring the required amount into a brine and mild agitation by a paddle mixer. The HEC polymer will not viscosify brines containing zinc ions in a range from 0.1 to 3% without heating the solution.

Physical Properties:

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| 1. Density at 77 ° F | = 9.1. lb/gallon |
| 2. Active HEC in suspension | = 3.45 lb/gallon |
| 3. Odor | = Mild alcohol |
| 4. LC50 of slurry (loading level 2 lb/bbl) in sea water | = 142,000 ppm |
| 5. Oil & Grease Content of the slurry in sea water. | = 5.2 ppm |

Packaging:

DSC Liquid Vis E is available in 5 gallon pails or 330 gallons tote tanks.