PRODUCT DATA SHEET

ECOPOL-XANLMS
LIQUID XANTHAN GUM SLURRY FOR OILFIELD APPLICATIONS

DESCRIPTION: ECOPOL-XANLMS is a Xanthan Gum slurry in an environmentally friendly mineral oil. Fluids formulated with ECOPOL-XANLMS exhibit rheological properties that are useful in a wide variety of oil & gas well environments. ECOPOL-XANLMS fluids are very durable under high shear, can tolerate a wide pH range, have a tolerance for electrolytes, and can withstand temperatures up to 300°F. Because ECOPOL-XANLMS fluids have the ability to develop high viscosity at low shear rates and a low apparent viscosity at high shear rates, it is effective in drilling, workover, completion, spotting, spacer, pigging, and milling fluids.

PROPERTIES
Density 8.68 lbs/gal  pH 6.5-8.5
Activity 4.0 lbs/gal  Appearance Tan Liquid
Brookfield Slurry Viscosity 1500-2500cps

RHEOLOGY, 0.28% IN SEAWATER, FANN-35 DIAL READING
Fann-35 at 600rpm ≥75
Fann-35 at 300rpm ≥55
Fann-35 at 200rpm ≥45
Fann-35 at 100rpm ≥35
Fann-35 at 6rpm ≥18
Fann-35 at 3rpm ≥16

APPLICATION: Typically, ECOPOL-XANLMS is used at a concentration of 5-10 gal/1000 gal for use as a drilling, workover, or completion fluid. At these concentrations, ECOPOL-XANLMS fluids exhibit rheological properties that allow for suspension of solids under very low shear rates, but lower viscosities at high shear rates for ease of application.

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