



enventives

VEN-FYBER 201™

RECOMMENDATIONS

Ven-Fyber 201™ is a unique seepage loss additive for oil mud systems. Can also be used effectively in most water base fluids. Fibrous extender for concentrating oil or liquid lubricants into wall cake in water-base mud.

Wall cake conditioner reduces permeability, increases strength of wall cake, reduces thickness. Secondary or supplemental emulsifier and stabilizer for conventional oil mud systems. Ven-Fyber 201™ helps control the effects of contaminating salts on oil or liquid lubricants in water emulsion by stabilizing the system.

Ven-Fyber 201™ reduces sticking tendencies by lowering permeability of wall cake or porous formation. Ven-Fyber 201™ reduces cuttings dispersions by strengthening through fiber reinforcing and aggregation. Ven-Fyber 201™ reduces collar and stabilizer balling.

Ven-Fyber 201™ is utilized as a high concentration spotting pill for oil muds. Ven-Fyber 201™ can be used in concentrations up to 100-150 lb/bbl in unweighted low viscosity oils and still maintain a pumpable slurry. Ven-Fyber 201™ is ideal for use in muds for drilling through depleted sands.

Ven-Fyber 201™ reduces potential differential sticking of pipe. Ven-Fyber 201™ is effective in preventing losses during cementing operations when used as a spearhead treatment or pad ahead of a cement job. Ven-Fyber 201™ can be used in pills, as a low viscosity sweep for hole cleaning and will provide hindered settling of cuttings in adequate concentration.

Ven-Fyber 201™ can be used to form a soft, slow setting cement plug suitable as a LCM pill and will provide a mat-type seal when used in conjunction with Ven-Fyber Seal™ or conventional LCM products.

GENERAL INFORMATION

Ven-Fyber 201™ is designed to prevent seepage loss in conventional oil muds. It is also an effective seepage loss additive in most water base muds. Ven-Fyber 201™ is a micronized, surface modified, cellulose derivative. It is composed of elongated, fibrous, solid particles which range in size from a few microns up to fibers with a length of 1 mm or more. It is a liquid dispersible (both water and nonaqueous) cellulose fiber.

Ven-Fyber 201™ is manufactured by a chemical and mechanical degradation of selected plant cellulose. The extremely fine cellulose fibers are surface modified to produce a novel class of cellulose derivatives having different properties and different functions than most commercially available cellulose derivatives. Ven-Fyber 201, though fibrous, flows like a powder. Unlike most cellulose, Ven-Fyber 201 will preferentially oil wet rather than water wet.

PACKAGING

Ven-Fyber 201™ is packaged in Twenty Five (25) lb multi-wall paper bags with an internal polyethylene liner.

TYPICAL PERFORMANCE

Seepage Control in 17.5 lb/gal Oil Mud(A)

COMPOSITION

Base Mud, bbl	:	1	1
Ven-Fyber 201, lb	:		5.0

PROPERTIES

Plastic Viscosity, cp	:	72	79
Yield Point, lb/100 sq.ft.	:	16	19
Emulsion Stability, volts	:	650	600
Sand Pack, 16/30 mesh, ml(B)	:	123	25
Shut-Off Time, sec.	:	80	6

(A) Detailed test data available on request.

(B) Tom Brookey, Larry Edwards, Jack Cowan, "Slugging Technique Saves Oil Mud Costs." World Oil, June, 1982, pp. 265-276.

TYPICAL PROPERTIES

Chemical Nature	:	Micronized, surface modified cellulose fiber
Composition	:	Wide range of graded fibrous particle
Form	:	Finely divided powder
Color	:	light tan to brown
Solubility, in water	:	Insoluble but dispersible with surfactants, temperature and shear.
Solubility in Oil	:	insoluble, but readily dispersible
Bulk Density, lb/ft	:	compacted 29 umcompactd 15
Specific Gravity	:	1.54
Moisture %	:	5-10
pH, 10% aqueous solution	:	5.0-6.5
Particle size	:	95% wet washes through 100 mesh screen

PRECAUTIONS

See the Safety Data Sheet for more detailed information concerning storage, handling, transportation, disposal and safety requirements.