

VARIFLO[®] CG

EASY DISPERSING DRILLING POLYMER

DESCRIPTION

VARIFLO CG is a powdered, high-viscosity blend of modified cellulose polymer formulated for easy and quick dispersion in drilling applications. VARIFLO CG bonds to soil particles providing support and builds a protective wall cake. Low fluid loss characteristics and high viscosity help maintain hydraulic head.

CHARACTERISTICS

- Biodegradable
- Easy to mix in brackish water
- High viscosity formula
- No lumping while mixing
- Quick dispersing

MIXING AND APPLICATIONS

Add VARIFLO CG slowly through a jet type mixer. If product is fed too quickly, lumping or balling will occur. Hydrate VARIFLO CG slowly first 3-10 minutes then add soda ash at 0.25 lb/100 gallons; follow with rapid hydration for 15-60 minutes. VARIFLO CG should not be poured unmixed into a pit or mixing tank.

FLUID BREAKDOWN

Chlorine concentrations of 1,000 ppm are recommended to effectively breakdown VARIFLO CG. Approximately 20 gallons of sodium hypochlorite (bleach) or 13 lbs of calcium hypochlorite per 1,000 gallons of drilling fluid is required.

PACKAGING

25 lb (11.3 kg) pail, 36 per pallet. All pallets are plastic-wrapped.

FORMATION MATERIAL	IDEAL MFV (SECONDS)	LBS OF VARIFLO CG PER 100 GALLONS OF WATER ⁽¹⁾
Fine Sand	40	3.5
Medium Sand	50	4.0
Coarse Sand	60	5.0
Gravel	70-80	6.0-7.0

(1) assuming water temperature of 60 °F.

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