

ACCU-VIS®

LIQUID DRILLING FLUID POLYMER



Certified to NSF/ANSI/CAN 60

DESCRIPTION

ACCU-VIS is a liquid copolymer designed for fast field mixing, viscosity building, and clay/shale stabilization in aqueous drilling fluids. ACCU-VIS is certified to NSF/ANSI/CAN Standard 60, Drinking Water Treatment Chemicals – Health Effects.

RECOMMENDED USE

ACCU-VIS can be used to inhibit clay and shale hydration, as well as an additive in bentonite drilling fluids to increase viscosity and lower fluid loss. It may also be used with BELLE/CETCO CRUMBLES to make a high solids grout.

ACCU-VIS can also be used in drilled shafts. When added into SHORE PAC slurry, ACCU-VIS instantly boosts the viscosity, for improved viscosity, fluid loss control, bit lubrication, and shale stabilization/inhibition. Delivers instant viscosifying performance.

CHARACTERISTICS

- 50% active ingredient
- Can be mixed directly in the borehole or excavation
- Eliminates clay and shale swelling, bit balling, and sticking problems
- Excellent additive with BELLE/CETCO CRUMBLES for a high solids grout
- Fast mixing
- Forms a tight, thin filter cake in unstable formations
- Improves loading and removal of spoils
- Improves skin friction
- Maintains borehole integrity in horizontal and vertically drilled holes

MIXING AND APPLICATION

When using ACCU-VIS, pre-treat mix water with SODA ASH to a pH above 8.5. Always mix bentonite first and then add ACCU-VIS. To breakdown ACCU-VIS, add 0.5 lb (0.25 kg) of sodium hypochlorite (bleach) per 100 gallons (380 liters) of drilling fluid, following local regulations. Breakdown time can vary based on bleach concentration, mixing, and pH.

When using ACCU-VIS in a SHORE PAC slurry, pre-treat mix water with SODA ASH to a pH above 8.5. Always mix SHORE PAC first and then add ACCU-VIS. To breakdown ACCU-VIS, add 1 gallon (3.8 L) of pool-grade (12%-15% active) sodium hypochlorite (bleach) per 1000 gallons (3785 L) of SHORE PAC slurry.

PACKAGING

~44 lb (~20 kg) pail, 32 per pallet. All pallets are plastic-wrapped.



ACCU-VIS MIXING RATIOS	
TYPICAL APPLICATION	
Added to air foam	0.5 quart per 100 gallons foam
Added to bentonite system	0.5 quart per 100 gallons drilling fluid
Added to freshwater	0.5 quart per 100 gallons water
Added to grout system	8 ounces per 24 gallons water and 1 bag/BELLE/CETCO CRUMBLES
Added to air foam	2 liters per 100 liters foam
Added to bentonite system	2 liters per 100 liters drilling fluid
Added to freshwater	2 liters per 100 liters water
Added to grout system	0.25 liters per 109 liters water and 1 bag/BELLE/CETCO CRUMBLES
DRILLED SHAFTS	
Added to freshwater	1.0 to 2.0 gallons per 1,000 gallons water
Added to boost viscosity	1.0 gallon per 1,000 gallons SHORE PAC slurry
Added to freshwater	3.78 liters to 757 liters water
Added to boost viscosity	3.78 liters per 3785 liters SHORE PAC slurry

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