

AQUAGEL GOLD SEAL®

VISCOSIFIER

Product Description

AQUAGEL GOLD SEAL® viscosifier is a premium non-treated Bentonite which meets API specification 13A, section 9 requirements. This product acts primarily as a viscosifier but also aids in filtrate reduction for water-based drilling fluids. AQUAGEL GOLD SEAL viscosifier works best in fresh water-based fluids.

Applications/Functions

- » Viscosify anionic water-based drilling fluids
- » Reduce water seepage or filtration into permeable formations
- » Form a thin filter cake with low permeability
- » Promote hole stability in poorly consolidated formations

Advantages

- » Can provide suspension for fluids weighted with barite or hematite
- » Can improve hole-cleaning capacity of drilling fluids
- » Contains no polymer or chemical additives
- » Is environmentally responsible
- » Can be added directly to fresh water or fresh water drilling fluids
- » Can be supplemented with polymeric extenders

Typical Properties

- » Appearance: Variable-colored powder
- » Bulk density, compacted: 73 lb/ft³ - 1169 kg/m³
- » Bulk density, uncompacted: 50 lb/ft³ - 800 kg/m³

Recommended Treatment

Add AQUAGEL GOLD SEAL viscosifier in concentrations of 5-25 lb/bbl (14-70 kg/m³) slowly through a jet mixer or sift slowly into the vortex of a high speed stirrer. Note: For optimum yield, AQUAGEL GOLD SEAL viscosifier should be prehydrated in fresh water when chlorides will exceed 8000 ppm.

Packaging

AQUAGEL GOLD SEAL viscosifier is available in 50-lb (22.7-kg) sacks and 100-lb (45.4-kg) sacks.

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