AQUAGEL GOLD SEAL®

VISCOSIFIER

Product Description

AQUAGEL GOLD SEAL® viscosifier is a premium Bentonite that contains no polymer additives. AQUAGEL GOLD SEAL viscosifier meets API specifications 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 exceed 8000 ppm.

Packaging

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