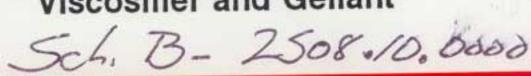
QUIK-GEL®

Viscosifier and Gellant





THE Original DRILLING FLUIDS COMPANY.

Description

QUIK-GEL is an easy-to-mix, finely ground, premium-grade, high-yielding Wyoming sodium bentonite. QUIK-GEL provides viscosity, fluid loss control and gelling characteristics to freshwater-based drilling fluids.

Applications/Functions

- Viscosify water-based drilling fluids
- · Form a thin, low permeability filter cake to reduce fluid loss
- Reduce water seepage into permeable formations
- Improve hole-cleaning ability of drilling fluids
- · Provide lubricity for drilling fluids
- Mix with fresh water to form a low-solids drilling fluid for general drilling applications
- Mix with foaming agents to make "gel/foam" drilling fluids for air/foam drilling applications

Advantages

- · Single-sack product and cost effective
- Mixes easily and quickly reaches maximum viscosity
- Non-fermenting and non-toxic, suitable for environmental explorations
 drilling and in drilling potable water wells
- Yields more than twice as much mud of the same viscosity as an equal weight of API oilfield grades of bentonite

Typical Properties

Appearance tan powder

Bulk density, lb/ft³
 68 to 72 (as packaged)

pH (3% solution) 8.9

• Yield, bbl/ton >235

Recommended Treatment

- Add QUIK-GEL slowly through a jet mixer or sift into the vortex of a high-speed stirrer.
- As a general purpose drilling fluid, add 15-25 lb QUIK-GEL per 100 gallons of fresh water. In gravel or poorly consolidated formations, add 35-50 lb QUIK-GEL per 100 gallons of fresh water.
- To make up gel/foam systems, add 12-15 lb QUIK-GEL per 100 gallons
 of fresh water before adding foaming agents.