GELTONE® V
VISCOSIFIER

Product Description

GELTONE® V viscosifier is an organophilic clay used to impart viscosity and suspension properties to oil-based drilling fluids. GELTONE V viscosifier is also used to gel oil drilling fluids for long-term suspension of weighting agents in drilling and packer fluids. GELTONE V viscosifier typically yields more slowly than GELTONE II viscosifier but will reach the same final viscosity, usually after one trip through the drilling bit. GELTONE V viscosifier is usually preferred in diesel oil-based fluids. GELTONE V viscosifier is stable to 400º (204ºC). GELTONE V viscosifier should not be used in high-performance clay-free oil-based drilling fluids.

Applications/Functions

» Helps viscosify any oil-based drilling fluid
» Helps improve hole cleaning during drilling and workover operations
» Gel oil muds for long-term suspension of weighting agents in packer fluids and casing packs

Advantages

» Stable at temperatures approaching 400ºF (204ºC)
» Aids in filtration control

Typical Properties

» Appearance: Gray-tan powder
» Specific gravity: 1.6

Recommended Treatment

Add 1-15 lb/bbl (2.86-42.80 kg/m³) of GELTONE V viscosifier slowly through the hopper.

Note: Decrease yielding time by adding a small stream of water through the hopper at the same time.

Packaging

GELTONE V viscosifier is packaged in 50-lb (22.7-kg) sacks.