

## FAMA GEL NT®

### Organophilic Clay Viscosifier

#### Product Description

**FAMA GEL NT** is amine treated bentonite and is used as viscosifier and gelling agent for synthetic and oil-based muds. It increases rheology and improves the carrying capacity and gel strength enhancing suspension properties of weighting material and improved cutting removal. **FAMA GEL NT** also aids in filter-cake formation and filtration control.

APPEARANCE	Powder	CHEMICAL FORMULA	Proprietary
COLOUR	Off White to Tan	SOLUBILITY I WATER @ 20°C	Dispersible
SPECIFIC GRAVITY	1.5	ODOUR	Fatty Odor

#### Application Functions

- Is used to increase viscosity and gel strength in synthetic-based and oil-based fluids. Increasing the carrying capacity and hole cleaning characteristic of fluid.
- Helps in filter-cake formation and filtration control.
- It is effective in specialty applications such as casing packs, packer fluids and spotting fluids, where viscosity is required.

#### Advantages

- Provides gel structure and viscosity for the suspension of weight materials.
- Increases viscosity for improved hole-cleaning capacity.
- Improves filter-cake quality and filtration characteristics.
- Effective gelling agent in casing packs and packer fluids.

#### Recommended Treatment

Normal treatment may vary from 2-10 lb/bbl (5.7-28.5 kg/m<sup>3</sup>) of **FAMA GEL NT** for most drilling fluid applications, depending on the base fluid and system requirements. Mineral oils generally require higher concentration than diesel oils. **FAMA GEL NT** viscosifier will not fully yield until the fluid has actually circulated through the well. Care should be taken not to overtreat with **FAMA GEL NT** viscosifier. **FAMA GEL NT** Should be added as needed to maintain the flow properties and Gel strength in the desired range.

#### Packaging

**FAMA GEL NT** is packed in 25 kg sacks.  
**FAMA GEL NT** should be stored in a dry location and away from heat and fire sources.