

# TRUVIS

TRUVIS\* viscosifier is a high-performance organophilic clay for VERSA\*, NOVA\*, and ECOGREEN\* systems. TRUVIS additive yields rapidly, even under low-shear conditions, and provides superior rheological properties for weight material suspension, hole cleaning, and cuttings removal.

### Typical Physical Properties

Physical appearance.....	Tan powder
Specific gravity.....	1.5 to 1.7
Solubility.....	Insoluble in water, oil dispersible
Bulk density.....	34.9 lb/ft <sup>3</sup> (560 kg/m <sup>3</sup> )

### Applications

TRUVIS viscosifier is a superior organophilic clay providing viscosity and gel strength in all non-aqueous fluids. The clay is manufactured by a patented high-energy process using a proprietary surfactant. This results in rapid yielding of the clay even under low-shear mixing conditions. Typically, TRUVIS additive will achieve 75% of its yield under low-pressure mixing and 100% yield after one circulation.

It is also more effective, requiring lower concentrations than other organophilic clays. Hence, it produces lower plastic viscosity, resulting in lower pump pressures, reduced ECD, and better shaker efficiency.

TRUVIS agent will assist the emulsifiers in achieving improved electrical stability and improved filtration control. Typical treatments are 3 to 10 lb/bbl (8.6 to 28.3 kg/m<sup>3</sup>). For newly mixed fluids, add to the brine and continuous phase before adding the emulsifiers. This will help to reduce the consumption of emulsifiers and fluid-loss-control agents.

The exact concentration will depend on the type of fluid, oil-brine ratio and mixing conditions. TRUVIS viscosifier can be added rapidly through the hopper.

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## Advantages

- High performance viscosifier for all oil-, synthetic- and ester-base systems
- Elevates rheology for improved hole cleaning and weight material suspension
- Provides gelling capabilities for casing packer fluids
- Rapid yielding for ease of mixing

## Toxicity and Handling

Bioassay information is available upon request.

Handle as an industrial chemical, wearing protective equipment and observing the precautions as described in the Material Safety Data Sheet (MSDS).

## Packaging and Storage

TRUVIS viscosifier is packaged in 50-lb (22.7-kg), multi-wall, paper sacks.

Store in a dry, well-ventilated area. Keep container closed. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.

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# Schlumberger