

# VG-PLUS advanced organophilic clay

Improves carrying capacity, gel strength, and suspension of weight material

## Applications

- Mineral oil- and synthetic-based drilling, coring, workover, and completion fluids
- Specialty fluids such as casing packs, packer fluids, lost circulation pills, and spotting fluids where viscosity is required

## How it improves wells

VG-PLUS\* advanced organophilic clay increases gel strength and viscosity in oil- and synthetic-based muds and improves filtercake quality and filtration control. It is especially useful in blending plants where high shear and temperature are not available to obtain full dispersion and hydration.

Although it provides more viscosity in these situations than other organophilic clays, even the VG-PLUS clay will not fully yield. For this reason, exercise caution to avoid overtreatment until the fluid can be circulated through the wellbore.

For maintenance, occasional treatments should be added as needed to maintain flow properties and gel strengths in the desired ranges.

## Advantages

- Serves as high-performance viscosifier for all oil- and synthetic-based fluids
- Performs effectively when mixing new fluids in low-shear, low-temperature situations such as in mud plants
- Increases viscosity for improved hole cleaning and weight-material suspension
- Improves filtercake quality for reduced fluid loss

## Toxicity and handling

Bioassay information is available upon request.

Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the safety datasheet.

## Packaging and storage

VG-PLUS clay is packaged in 50-lbm [22.7-kg] and 55-lbm [25-kg], multiwall, 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, or stacking.

### Typical Physical Properties

Physical appearance	Off-white-to-tan powder
Specific gravity	1.5–1.7

All specifications are subject to change without notice.