

RHEOBOOST™

VISCOSIFIER

Product Description

RHEOBOOST™ viscosifier is a fatty acid blend used to extend the yield of organophilic clays such as GELTONE® II and GELTONE V viscosifiers in oil-based drilling fluids. It helps improve the low-shear rheology of the fluid without significantly increasing the plastic viscosity. RHEOBOOST viscosifier is suitable for use in all INVERMUL® and ENVIROMUL™ fluids up to 200°F (93°C).

Applications/Functions

- » Helps the yield of organophilic clay
- » Helps enhance low shear rheology
- » Can raise yield point / plastic viscosity ratio

Advantages

- » Helps provide viscosity increase immediately on addition
- » Effective at low temperatures e.g., in deepwater applications
- » Compatible with most invert emulsion drilling fluids systems

Typical Properties

- » Appearance: Yellow liquid
- » Flash point: 356°F (180°C)
- » Specific gravity: 0.9

Recommended Treatment

Add 1.5-4 lb/bbl (4.3-11.4 kg/m³) of RHEOBOOST viscosifier to help improve the yield point and low shear rate viscosity without significantly increasing plastic viscosity. RHEOBOOST viscosifier should be used in conjunction with 2-8 lb/bbl of GELTONE II or GELTONE V viscosifiers to optimize its use.

Packaging

RHEOBOOST viscosifier is packaged in 55-gal (208-l) drums.

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