THERMA-VIS™

VISCOSIFIER

Product Description

THERMA-VIS™ viscosifier is a synthetic Hectorite and is used in THERMA-DRIL™ high-temperature water-based drilling fluids. THERMA-VIS viscosifier is stable at temperatures of up to 700°F (370°C) and does not thermally flocculate but is not tolerant of salinity. THERMA-VIS viscosifier is recommended to viscosify geothermal drilling fluids.

Applications/Functions

» Formulate geothermal drilling fluids

» Viscosify water-based drilling fluids in high temperature applications

Advantages

» Helps maintain stable rheological properties with increasing temperature

» Is shear thinning

» Does not thermally flocculate

» Environmentally responsible

Typical Properties

» Appearance: White powder

» pH, (1% aqueous solution): 7.5

» Bulk density: 62.4lb/ft³ - 1000kg/m³

Recommended Treatment

Add 1-4 lb/bbl (2.9-11.4 kg/m³).

Note:

For maximum yield, hydrate THERMA-VIS viscosifier for a minimum of 16 hours.

Packaging

THERMA-VIS viscosifier is packaged in 5-gal (18.9-l) cans containing 55.1-lb (25-kg) sacks.