

QMUL GEL

Description

QMUL GEL is an organophilic clay designed to be used as a viscosifier in oil based drilling fluids.

It is self-activating and develops viscosity and gel strength at relatively low temperatures in various types of base oils.

Applications

QMUL GEL provides excellent rheological properties for both low and high shear rates increasing the carrying capacity for hole cleaning. Additionally, it improves the temperature, emulsion stability and fluid loss control.

QMUL GEL can also be used as a viscosifier in packer fluids, lost circulation pills, spotting fluid and polymer slurries.

Features and Benefits

- Cost-effective
- Readily dispersible
- Fast yield and viscosity build-up
- Does not require chemical or thermal activation.

Typical Properties

| | |
|-------------------------------|---------------------|
| Appearance | Free flowing powder |
| Color | Off-white |
| Specific Gravity | 1.6 |
| Through 200 mesh sieve | 85% Min |

Recommended Treatment

Concentrations will vary depending on the rheological requirements of the fluid, oil/water ratio and fluid density. Additional dosage or daily treatment is recommended for elevated temperature (> 250 ° F).

It is recommended to pilot test with hot-rolling to determine the optimum product dosage.

Safety and Handling

Prior to using this product, refer to the safety data sheet for information on use of personal protective equipment, safe handling, storage, transport, and disposal.

Packaging

QMUL GEL is available in 50-lb (22.7 kg) and 55-lb (25 kg) bags.

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