TECHNICAL DATA SHEET

QMAXTROL

Description

QMAXTROL is a unique vinyl toluene acrylic copolymer resin gel that is used as a fluid-loss controller in invert-emulsion drilling fluids, particularly at elevated temperature. The product is a microfine powder that is ground to a specific particle-size distribution.

Applications

QMAXTROL is applicable in all types of base oils, including diesel and low toxicity mineral oils, as well as all synthetic oils. The resin solubility and crosslink density are such that on dispersion, and with the application of heat, the particles absorb oil and swell to become deformable, gel-like micro-granules that combine with the emulsion and other components to form a highly efficient fiter cake.

QMAXTROL can be used on its own or in conjuction with other filtration-control additives. Supplementary effects can include boosting low shear rate viscosity and thereby improving particle suspension.

Features and Benefits

- Provides efficient oil-based filtration control
- Tolerates ultra-high temperatures
- Causes minimal production impairment
- Functions at low concentration
- Is not functionally compromised by high shear rates
- Contributes to suspension

Typical Properties

Appearance	Powder
Color	White
Specific Gravity	1.03
Solulbility	Water insoluble

Recommended Treatment

QMAXTROL is added through a Venturi mixer at a typical application range of 0.5 to 4.0 lb/bbl (1.4 to 11.4 kg/m^3). Pilot-testing is recommended, as overtreatment can result in increased viscosity.

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

QMAXTROL is available in 50 lb (22.7 kg) bags.

"Excellence, Innovation, Integrity, Teamwork and Safety"

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