

QMAXTROL HT

Description

QMAXTROL HT is a copolymer fluid loss control additive for UHTHP oil and synthetic based drilling fluids.

Applications

QMAXTROL HT is a UHTHP fluid loss control additive for oil and synthetic based fluids with secondary rheological contribution.

Suitable for use in all types of base oils, including diesel and low toxicity mineral oils, as well as all synthetic oils at bottomhole temperatures of 400 – 500 °F (204 – 260°C).

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

Features and Benefits

- Capable of giving tight fluid loss control at low dasages
- Produces deformable soft colloidal micro gel particles in organic fluids
- Has been shown, both in laboratory and in the field, to not damage the formation
- Contributes to low shear viscosity (even at high temperatures), reinforcing the suspension properties of the fluid
- Recoverable in recycled drilling fluids
- Safe for marine life when used as intended

Typical Properties

Appearance	Free flowing Powder
Color	White
Specific Gravity	1.03
Moisture (%)	0.5

Recommended Treatment

Typical concentration vary from 0.5 – 4.0 lb/bbl (1.42 – 11.4 kg/m³). Should be added slowly under shear before the brine after emulsifier(s) has been added to the drilling fluid. It should be tested in complete fluid with fines to optimize fluid loss, plastic viscosity and UHTHP rheology.

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 HT is available in 55 lb (25.0 kg) bags.

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