

QSTAR HT

Description

QSTAR HT is a pre-gelatinized starch, designed as a fluid loss control additive to use in drilling fluids at high temperatures. QSTAR HT is compatible with all water based mud additives, non-toxic and bio-degradable making it suitable for environmentally sensitive areas. .

QSTAR HT is a crosslinked structure that provides greater tolerance to heat, shear and salts compared to un-crosslinked carboxymethyl starches and PACs.

Applications

QSTAR HT provides effective filtration control in water based fluids, even with high salinity. QSTAR HT is effective up to 300°F (149°C).

It can be easily cleaned up, making it suitable for completion and reservoir drilling fluids.

Features and Benefits

- Salt tolerant
- Minimal viscosity increase
- Thermal stability up to 300°F (149°C)
- More resistant to bacterial degradation than untreated starch.
- Environmentally acceptable
- Easy clean-up by breakers

Typical Properties

Appearance	Powder
Color	Off White
Specific Gravity	1.5
Moisture	12%

Recommended Treatment

Additions of 2.0 – 6.0 ppb (6.0 – 17.0 kg/m³) are recommended to be added through the hopper. These recommended concentrations will vary depending on solids content, temperature and formation being penetrated.

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

QSTAR HT is available in 50 lb (22.7 kg) bags.

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