

SHARKSTAR® HT

Product Description

SHARKSTAR® HT high temperature, filtration control additive is a special modified starch derivative used to reduce filtration in most water-based drilling fluids including fresh water, seawater and saturated brine up to 300°F. It is designed to replace SHARKSTAR® in applications with the BHT>250°F. SHARKSTAR® HT will encapsulate drill cuttings and exposed wellbore formations to reduce particle dispersion and reactive shale formation swelling. Subject to bacterial degradation, a biocide is recommended to prevent fermentation in fluids which are not salt saturated.

Applications/Functions

- Control filtration rates with minimal viscosity increase
- Provide a thin, pliable, easily removed filter cake to minimize formation damage and facilitates cleanup during completion
- Flocculate dispersed drill cuttings in clear water drilling

Advantages

- Temperatures stable up to 300°F and provides filtration control at temperatures >250°F
- Effective with fast drilling non-dispersed systems
- Works in high-density brines, e.g., CaCl₂, CaBr₂ and ZnBr₂
- Acid Soluble

Typical Properties

- Appearance: White fine powder
- Specific gravity: 1.5

Recommended Treatment

- A typical range is 2-7 ppb

Package

- 25 KG SACK