

SOLTEX[®] ADDITIVE

Description

SOLTEX[®] additive is a sodium asphalt sulfonate made water soluble by a unique sulfonation process. This process produces a product which is highly anionic and is typically between 70% to 80% water soluble.

Applications

SOLTEX[®] is a versatile, total mud conditioner that stabilizes shale formations, significantly increases lubricity, lowers HTHP filtration rates and enhances filter cake properties in both oil and water-based drilling fluids. The product can be mixed in most water-based and all oil-based and synthetic muds.

Features and Benefits

- Reacts with shale to prevent or stop sloughing and swelling.
- Significantly enhances lubricity
- Environmentally Friendly
- It is used on land and offshore
- Extremely temperature stable
- Does not have softening point
- No emulsifiers needed to ensure proper mixing
- Do not need to bypass the solids control equipment while mixing it
- Helps prevent differential sticking

Typical Properties

Appearance	Powder
Color	Dark brown
Specific Gravity	1.3
Solubility in water	75%
Odor	None

Recommended Treatment

Typical concentrations of SOLTEX[®] are: 3.0 – 6.0 lb/bbl (8.5 – 17.0 kg/m³) for shale stabilization, 2.0 – 6.0 lb/bbl (5.5 – 17.0 kg/m³) for high temperature high pressure fluid loss control, 1.0 to 3.0 lb/bbl (2.8 – 8.5 kg/m³) to impart lubricity.

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

SOLTEX[®] is available in 50 lb (22.7 kg) bags.

SOLTEX[®] Additive is a trademark of Drilling Specialties Co. a division of Chevron Phillips Chemical Co.

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