
DSC Spacer Mix

Description

DSC Spacer Mix is a patented blend of viscosifiers and dispersant for use in spacer fluid design during well-bore displacement cleanout and cementing jobs.

Features and Benefits

- ◆ Excellent solid suspension properties.
 - ◆ A shear thinning but “flat” rheology to provide effective displacement in eccentric annulus.
 - ◆ Rheology is resistant to thermal thinning.
 - ◆ Powerful dispersant properties to break up water-based gelled mud, and to mitigate incompatibility between cement and drilling mud.
 - ◆ Passes the LC-50 aquatic toxicity test.
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Application

DSC Spacer Mix is typically added to fresh water to develop the viscosity and gelling properties. It is designed for easy hydration even under a limited mixing condition. Barite is usually added as a weighting agent to achieve the density requirement. A patented surfactant formulation package is also available for use with the spacer fluid to provide superior cleaning of synthetic or oil-based drilling muds.

The **DSC Spacer Mix** is also used as additive to enhance the high temperature viscosity performance in solid-free polymer gel.

Physical Properties

Appearance	Beige-colored powder
pH in Water	Neutral
Specific Gravity	1.76

Packaging and Safe Handling

DSC Spacer Mix is packaged in 50-lb multi-walled bags.

There are no transportation restrictions by international and domestic regulatory agencies. Normal precautions for personal protection are recommended when handling the chemical product. Consult the Material Safety Data Sheet (MSDS) for this product prior to use.

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