BaraSure™ W-499

SHALE STABILIZER

Product Description

BaraSure™ W-499 (formerly BDF™-499) shale stabilizer is a liquid blend of amine salts used in water based drilling fluids, formation treatments and work-overs. It is suitable for most polymer and clay free water based fluid systems. BaraSure W-499 shale stabilizer should not be used with fluids containing clay based viscosifiers. BaraSure W-499 shale stabilizer inhibits clay and shale hydration and is a high efficiency stabilizer for smectite, illite, shale and mixed layer clay/shale minerals.

Applications/Functions

» BaraSure W-499 shale stabilizer can be used to inhibit clay and shale hydration
» Can be used in a variety of water based systems

Advantages

» Helps reduce the potential for bit balling
» Helps improve drill solids removal
» Effective in fresh water, sea water, salt water, lime, and low solids systems
» Completely water soluble and Freeze stable
» Passes Microtox testing

Typical Properties

» Appearance: Clear Liquid
» Pour Point: < -31°F (-35°C)
» Flash Point: >212°F (100°C)
» Solubility: Water Soluble
» Specific gravity: 1.07 – 1.09

Recommended Treatment

Add 0.35 - 7 lb/bbl (1-18.7 kg/m³) of BaraSure W-499 shale stabilizer directly to active fluid system

Notes:

For best results, a minimum of 1.5 lb/bbl (4 kg/m³) of BaraSure W-499 shale stabilizer is required

Treatments in non-dispersed systems may cause flocculation and may require a thinner

Packaging

BaraSure W-499 shale stabilizer is packaged in 5-gal (18.9-L) cans and 55-gal (208.2-L) drums.