BaraSure™ W-674

SHALE STABILIZER

Product Description

BaraSure™ W-674 (formerly BDF™-674) shale stabilizer is a cationic organic multivalent clay inhibitor for polymer-based drilling, workover and completion fluids. BaraSure W-674 is completely water soluble and environmentally acceptable and may be used in freshwater, seawater, low-solids or weighted systems.

Applications/Functions

» Effective clay inhibitor for water sensitive formations
» Limits cuttings dispersion
» Minimizes accretion potential

Advantages

» Prevents clay swelling caused by water molecule invasion
» Small ionic radius, allowing easy substitution on the exchange sites for the sodium ion - blocking hydration
» Non-foaming, non-oil wetting, mildly cationic
» Meets North Sea discharge regulations

Typical Properties

» Appearance: Liquid
» Specific gravity: 1.0 – 1.1
» Pour Point: < 23°F (< -5°C)
» pH 5% solution: 9.5 (approx.)

Recommended Treatment

BaraSure W-674 is designed to be used at a pH range of 10.5 or less. For optimum results, an initial treatment of 1-3% (v/v) is recommended. Pilot testing is always recommended to determine proper treatment to achieve desired fluid properties. For DRIL-N applications, use N-VIS, BARAZAN or BARAZAN D as the viscosifier in formulations containing potassium chloride (KCl).

Packaging

BaraSure W-674 is packaged in 55 gal drums (208 L) and 264 gal (1000 L) IBC tote tanks.