

STAR HIB® E

Environmentally-Enhanced Shale Inhibitor

Product Specifications



DESCRIPTION

STAR HIB® E is a proprietary environmentally-enhanced high-performing shale inhibitor designed to provide a high degree of shale inhibition for water based muds (WBM) in formations that contain problematic swelling and reactive clays, such as smectite and mixed layer illite/smectite.

ADVANTAGE

Very low toxicity, for both HSE as well as impact on aquatic organisms for Norway.

High degree of biodegradability

Delivers hard cuttings to the surface for shaker removal

Exhibits low cuttings dispersion and need for mud dilution and excess treatment

APPLICATION

STAR HIB® E is used in highly inhibitive water-based mud systems and in environmentally restrictive drilling regions

Equally effective in fresh water-, sea water- or brine-based drilling fluid systems

Optimum performance at 3-5%

ENVIRONMENTAL ADVANTAGE

GOLD standard for CEFAS accreditation

Yellow status for NEMS

Low impact on aquatic organisms

TREATMENT RECOMMENDATIONS

STAR HIB® E can be mixed directly into the fluid system through the mud hopper, straight into the pit or gravity feed dispenser.

STAR HIB® E is effective at concentrations of 3-5% V/V.

PHYSICAL PROPERTIES

Appearance: Color-less (clear) liquid

Specific Gravity: 1.0 - 1.1 g/cm³
(8.3 -9.2 lb/gal)

pH: 7-8 at 1% in distilled water

Water Solubility: 100% soluble

HANDLING AND STORAGE

Use appropriate PPE and review the SDS before use. Store drums upright.

PACKAGING

STAR HIB® E is available in 55 gal drums.