

# STAR HIB<sup>®</sup> PLUS

## Shale Inhibitor

## Product Specifications



### DESCRIPTION

STAR HIB<sup>®</sup> Plus shale inhibitor is a proprietary inhibitor designed for use in water-based (WBM) drilling fluids. STAR HIB Plus is used in formations that contain reactive clays such as smectite and mixed layer illite/smectite. Unlike conventional shale inhibitors, STAR HIB Plus does not require KCl or other salts for inhibition.

### ADVANTAGE

Used when drilling in environmentally-sensitive areas where KCl cannot be used

Compatible with all common WBM additives and reservoir compliant

Resistant to contaminants

Temperature stability up to 149°C (300°F)

### APPLICATION

Designed for use in environmentally-sensitive areas

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

### ENVIRONMENTAL ADVANTAGE

Environmentally compliant for use in all areas

CEFAS and REACH registered

PLONOR listed for North Sea use, HMCS Category P, OCNS Group E

Passes the Canadian Microtox

### TREATMENT RECOMMENDATIONS

Effective at concentrations as low as 3-5 wt% for most shales and depletion rates are similar to KCl-glycol fluids

Can be mixed directly into the fluid system through the hopper, straight into the pit or gravity feed dispenser

### PHYSICAL PROPERTIES

Appearance: Pale Yellow - Amber

Specific gravity: 1.05 g/cm<sup>3</sup> (8.76 lb/gal)

pH: 11 at 25°C (77°F)

Water Solubility: 100% soluble

### HANDLING AND STORAGE

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

### PACKAGING

STAR HIB Plus is available in 55 gal/210 liter drums.