



Technical Data Sheet

HIB FORCE

Product Description

HIB FORCE is an effective clay inhibitor for water sensitive formations and shows excellent shale stabilization properties.

HIB FORCE prevents clay swelling caused by water molecule invasion and limits cutting dispersion. **HIB FORCE** can be used in conjunction with common water based additives.

By inhibiting shales or gumbo clays, **HIB FORCE** also minimizes the accretion potential and consequently bit - and BHA- balling. Drill cuttings tend to be non-sticky, firm and easily removed from the shale shakers when using **HIB FORCE**.

HIB FORCE has no adverse effects on viscosity and filtration properties of the mud and designed to be used at any pH of the fluid.

Applications: **HIB FORCE** may be used in freshwater, seawater, saltwater, low-solids or weighted systems. It can be added directly to the mud system. Possible foam formation during mixing should be controlled by a proper antifoam.

Treatments: Recommended treatment of **HIB FORCE** is in the range of 1-3% v/v, depending on shale reactivity.

KEY BENEFITS

- Superior clay inhibitor
- Has no impact on rheology
- Has no limitations on salinity or solids content
- Environmentally safe

Key Properties

pH	9.3
Physical Form	Liquid
Sg	1.08
Solubility	Soluble in water
Packaging	55 gal drums