

FLC[®] MAX

Wellbore Stabilizer

Product Specifications



DESCRIPTION

FLC[®] MAX high-performance wellbore stabilizer is a proprietary polymeric mixture designed for deepwater applications and optimized in invert emulsion drilling fluids. FLC MAX generates a fast, effective seal minimizing fluid and pressure invasion. The low permeability seal limits transmission of destabilizing wellbore pressure into the formation. This barrier, or 'shield' formation damage and prevents fractures from propagating.

ADVANTAGE

Operators drill safely with mud densities greater than the fracture initiation pressure

Improves fluid loss performance

Protects mechanically weak and interbedded shales to prevent sloughing, washouts, hold closures or collapse

Eliminates differential sticking in high permeability formations

Optimizes production by minimizing invasion in depleted formations

Does not shear degrade and has a broad particle size distribution

High temperature stability (over 400°F)

APPLICATION

Seals fractures sized up to 250 μm

Specifically designed for optimal performance in oil-based and synthetic-based fluid systems, with enhanced lipophilic properties to accelerate sealing, increase shaker retention, improve oil phase dispersibility and help reduce maintenance costs.

Optimizes wellbore stability in a variety of drilling conditions including: deepwater applications, depleted or poorly consolidated formations, interbedded formations, mechanically weak formations

ENVIRONMENTAL ADVANTAGE

Environmentally compliant for use in most areas

HMCS Category C, Substitution Level 4

Passes the North America 96-hr LC50 bioassay mysid shrimp

TREATMENT RECOMMENDATIONS

Effective at concentrations as low as 4-6 ppb

Designed for use in the circulating fluid system

Concentration can be monitored by Impact's proprietary Sand Bed Tester

PHYSICAL PROPERTIES

Appearance: Light tan and brown powder

Specific gravity: 1.4-1.5 g/cm³

HANDLING AND STORAGE

FLC MAX should be stored in a dry environment. Avoid excessive dust and inhalation. Use appropriate PPE and review the SDS before use.

PACKAGING

FLC MAX is available in 25-lb, multi-walled bags – 48 sack per pallet