



Technical Data Sheet

PRIMO MMO HIB

Product Description

PRIMO MMO HIB is a synthetic polymer specifically designed to provide shale inhibition and rheological stability of a mixed metal oxide fluid. **PRIMO MMO HIB** is a stable at a high temperatures (to >400°F) and can be used with potassium based inhibitors if extra inhibition is needed. As a secondary function, **PRIMO MMO HIB** also aids in controlling fluid loss.

Applications: **PRIMO MMO HIB** provides shale inhibition for low to high active shales. For extra inhibition, potassium-based inhibitors can be used along with **PRIMO MMO HIB** without negatively affecting mud properties. **PRIMO MMO HIB** is designed for use in MMO-based fluids, but can work in almost all low-calcium water-based fluids. **PRIMO MMO HIB** greatly increases the robustness of a mixed-metal system by making the system less likely to lose rheology when encountering lignite stringers or other types of anionic contamination.

Treatments: Typical treatments range from 0.25 - 2.0 lb/bbl. For shale inhibition and 0.25 to 0.5 ppb for rheological stability.

KEY BENEFITS

- Shale inhibition in MMO Systems
- Provides tolerance to anionic contamination
- Does not negatively affect rheology
- Provides fluid loss control as secondary benefit.
- Works in high or low salinity
- Can be used in almost any low calcium mud system.

Key Properties

pH	3.0 - 5.0
Color	Off white to tan
Physical Form	Powder
Sg	0.76
Packaging	50 lbs sack