The Hybrid Drilling Fluid System by Mud Engineers, for Mud Engineers

Our Multi Hydroxyl Alcohol (MHA) Drilling Fluid System is a true hybrid that bridges the performance gap between oil based mud (OBM) and water based mud (WBM) in a single system. MHA delivers on OBM performance promises with better ROP, shale inhibition and reduced rig time, while providing all the cost benefits and risk mitigation of WBMs. The MHA System is a field-tested drilling fluid solution that outperforms WBMs at a fraction of the cost of OBMs and is fast, cost-competitive and safe.

How MHA Compares

- Performance comparable to OBMs
- Superior lubricity for excellent ROP
- Shale stability equal to that of OBMs
- All the cost benefits of a WBM
- Pay zone protection & risk mitigation
- Virtually eliminates HSE issues
- USDA Certified Biobased Product

System Components

- MHA Base Fluid (98% biobased content)
- L-20 Lubricant (89% biobased content)
- SI-60 Shale Inhibitor
- CQ Bio-324 Biocide
- Bio-Polymers

MHA Bridges the Gap

MHA is 100% environmentally-friendly and has earned the USDA Certified Biobased Product label. It virtually eliminates HSE issues, reduces disposal costs and significantly diminishes liabilities.
Inhibition testing on four different shale types show the inhibitive properties of an optimized Multi-Hydroxyl Alcohol Drilling Fluid System (MHA).

The inhibition of the MHA System far exceeds that of typical water based muds and is designed specifically to compete with OBM and SBM. MHA offers added flexibility to custom blend shale inhibitors to meet the specific customer needs.

MHA System Field Trials

► Saved operator over half a million dollars in rig time
► Performance of OBMs with half the cost