MDF LERM

Low-End Rheology Modifier

General Description

MDF LERM is a complex blend of dimer and trimer acids formulated to improve rheological and suspension characteristics of all base fluids. The product increases low-shear viscosities and gel strengths for improved hole cleaning. This permits high rates of penetration while maintaining wellbore stability.

Treatment Rate, Typical

MDF LERM can be added 1-3 lbs per bbl depending on the properties desired and solids concentration. The product should be added slowly to the system over one complete circulation to ensure even distribution of the treatment.

Advantages

• Increase low shear and modifies rheological properties of oil based muds
• Reduces barite sag and settling
• Can be used in existing systems or freshly prepared mud
• Improves cutting transport
• Provides suspension in a wide range of oil/water ratio fluids

Physical Properties, Typical

Appearance	Dark amber/brown liquid
Specific gravity	0.849
Flash point	>150 °F
Acid number (T.A.N.)	54.64 mg/g

Packaging

MDF LERM is available in 5 gallon pails, 55 gallon drums and 275 gallon IBC tote tanks from Momentum Drilling Fluids.

Product Data Sheet

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use.

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Momentum Drilling Fluids
P.O. Box 1366
Houston, TX 77251
1-(844)-Need-Mud
sales@momentumfluids.com