

FLR PLUS[†]



BENEFITS

Reduces API and HPHT fluid loss

Minimizes washout by stabilizing troublesome shales and sealing permeable sands

In most cases, FLR PLUS requires half the material versus conventional / standard performance products



APPLICATIONS

1 - 6 lb/bbl (typical), although higher concentrations may be necessary in extreme cases

Pilot testing will aid to determine the appropriate concentration for a specific scenario



PHYSICAL PROPERTIES

- Appearance: Black powder
- Specific Gravity: 1.04 - 1.06
- Softening Point: > 300°F
- Moisture: < 1%

FLR PLUS is a high-performance fluid loss and shale control additive.

Contaminated Sample



Treated with 4 lb/bbl FLR PLUS



In a lab test, a contaminated 10.5 lbm/gal conventional invert emulsion system demonstrated extremely high HPHT fluid loss and a thickened filter cake (left).

A treatment of 4 lb/bbl FLR PLUS, dramatically reduced HPHT fluid loss and cake thickness (right).

TREATMENT RECOMMENDATIONS

FLR PLUS aids to lower API and HPHT fluid loss and stabilize troublesome shale formations. Treatments range from 1 - 6 lb/bbl in most cases, although under extreme conditions higher concentrations may be required.

Pilot testing can determine the appropriate concentration. FLR PLUS has a minimal impact on rheology and performs across a wide range of drilling fluid densities and temperatures.

PACKAGING AND HANDLING

FLR PLUS is available in 50 lb sacks. Handle FLR PLUS as an industrial chemical, wearing protective equipment and observing precautions as described in the Safety Data Sheet (SDS).



AES DRILLING FLUIDS

www.aesfluids.com

☎ Phone : 281 556 5628

✉ Email : info@aesfluids.com

© 2020 AES Drilling Fluids. All rights reserved. The information provided is for informational purposes and is believed to be accurate, although this cannot be guaranteed. No guarantees or warranties are stated or implied. †Marks of AES Drilling Fluids, LLC.

Revision 1.00

