

PEAK PERFORMANCE ADDITIVES

BLACK FURY™

Gilsonite®-Based Dispersion Fluid

Product Description

- Environmentally safe; passes LC50; no sheen
- Gilsonite-based dispersion fluid
- Black viscous liquid
- 1.08 specific gravity
- Temperature stable
- Packaged in 550 gallon tanks

Function

- Borehole stability
- Shields water sensitive shales
- Superior pore throat sealer
- Seals depleted sands and microfractures
- Lowers HTHP and dynamic filtrate

Benefits

- Reduces differential sticking
- Thin tough pliable wallcake
- Low spurt loss in sands
- Reduces hole reaming and fill
- Near gauge hole
- Lubricates borehole
- Compatible with all water-based muds and lubricants
- No Gilsonite® breakout

Mixing Recommendations

Black Fury™ can be mixed directly into the mud mixing hopper or suction pit.

Mixing Procedures

- Mix 2% to 5% by volume in entire mud system for maximum benefits.



Available in 550 gallon tanks

- Mix 3% to 10% by volume in pill form with Cell-U-Seal™ or other fiber, and sized calcium carbonate to drill depleted sands.

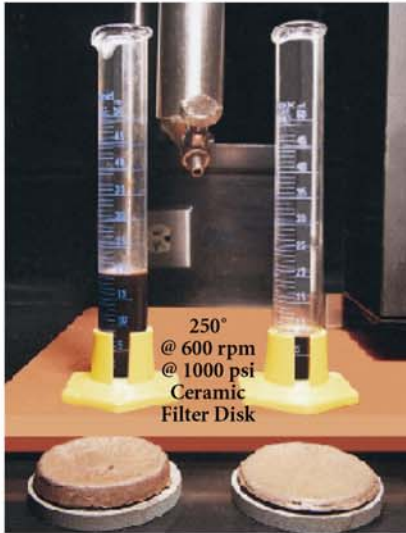


HOUSTON, TX 713-688-9144 • BELLE CHASSE, LA 504-394-5870

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BEFORE **AFTER**
DYNAMIC FILTRATION TEST

Note the low spurt loss after Black Fury.



ALPINE MUD PRODUCTS
DYNAMIC FILTRATION AND
HTHP FILTRATION TEST EQUIPMENT



BEFORE **AFTER**
HTHP FILTRATION TEST
Note the filtrate reduction after Black Fury.



BEFORE



AFTER

DYNAMIC FILTRATION TEST
Note the superior pore throat sealing qualities of this 14.0 ppg ligno mud after using Black Fury 3% by volume.



BEFORE **AFTER**
HIGH TEMP. / HIGH PRESS. FILTRATION TEST

Note the thin, tough, pliable wallcake of this 14.0 ppg ligno mud after using Black Fury 3% by volume.

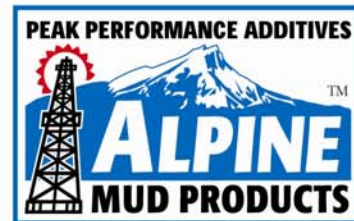


Black Fury is a black viscous liquid



BEFORE YOU GET DIFFERENTIALLY STUCK

Assure yourself of quality wall cakes with superior sealing of those depleted zones. Alpine Mud Products conducts complimentary testing on all well applications. Our family of products are matched to your specific need. Our library of mud files and offset data will enhance your successful operation.



ALPINE MUD PRODUCTS • P.O. BOX 970 • BELLE CHASSE, LA 70037 • HOUSTON 713-688-9144 • BELLE CHASSE 504-394-5870 • www.alpinemud.com

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