

Master Black Blend®

Glycol-based Gilsonite® Dispersion



Product Description

- Water or oil-based mud additive
- Environmentally safe; passes LC50; no sheen
- Glycol-based Gilsonite® dispersion fluid
- Black viscous liquid
- 1.08 specific gravity
- Temperature stable

Function

- Seals depleted sands and microfractures / shales
- Lowers HTHP and dynamic filtrate
- Shields water sensitive shales
- Wide particle size distribution

Benefits

- Thin, tough, pliable wallcake
- Reduces differential sticking
- Stabilizes sloughing shale
- Lubricates borehole
- No Gilsonite® breakout with oils



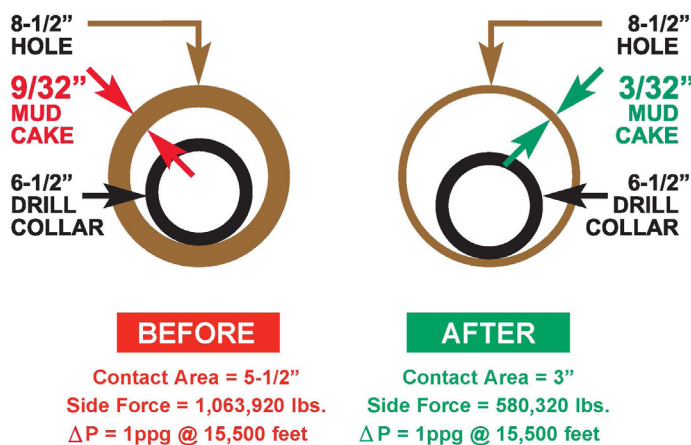
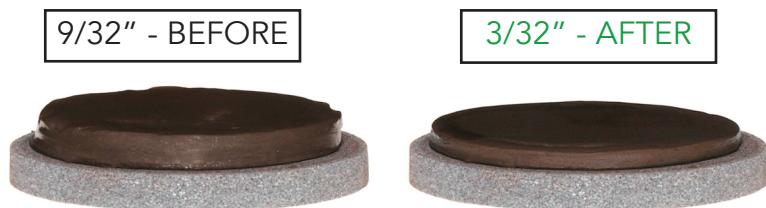
Mixing Recommendations

- Master Black Blend® can be mixed directly into the mud mixing hopper or suction pit.
- Mix 2% to 5% by volume in the entire mud system for maximum benefits.
- Mix 3% to 10% by volume in pill form with Master Fiber Seal® or other fiber, and sized calcium carbonate to drill depleted sands.

High Pressure / High Temperature Filtration Test



Dynamic Filtration Test



Note the superior pore throat sealing qualities of this 14.0 ppg ligno mud after using Master Black Blend 3% by volume. Why is a thin wall cake so important? By using the wallcakes (left) as an example, and a 20-foot length of hole, the diagram (right) illustrates its importance.



Mud Masters Group®
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See SDS for more product information.
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