

Product Summary

Turbo-Phalt is low softening point gilsonite/resin blend that will readily tame unstable, reactive shale. Turbo-Phalt will also help seal micro-fractures, while reducing seepage loss and differential sticking tendencies in low pressure sands.

Physical Properties:

Appearance: Black Powder

Specific Gravity (g/mL.): 1.68

Odor: Slight

pH in 1% solution: 5-7

Wellbore Stability Benefits:

- Reduces problems associated with bit balling.
- Aids in reducing differential sticking tendencies in pressured sands.
- Effective at both low and high wellbore temperatures.
- Easily mixed through the hopper.
- Compatible mixing in all drilling fluids.
- Highly effective HTHP water loss reduction, which results in a thin, tough, lubricious wall cake.
- Contrary to asphalt-based materials, Turbo-Phalt is malleable at low temperatures and able to extrude into micro-fractures.



Recommended Treatment

- System Treatment: 2-6 ppb
- Sweeps: 10-30 ppb along with Premium Seal (Fine and/or Regular @ 10-30 ppb)
- Pill: Turbo-Phalt can be run with Premium Seal to maximize effectiveness in zones where there are whole mud losses.

Handling and Storage

Proper PPE should be worn while handling this product. Minimize dust exposure. Please review SDS before using.

Turbo-Phalt PSD

U.S. Mesh Screen (Micron)	Product Retained, g
18 (1000μ)	2.0
35 (500μ)	10.0
60 (250μ)	9.0
100 (150μ)	11.0
120 (125μ)	16.0
140 (106μ)	18.0
200 (75μ)	15.0
270 (53μ)	9.5
400 (38μ)	9.5

Packaging

Turbo-Phalt is available in 50 lb. sacks, 50 sacks/pallet.