

TURBO-CHEM[®]

INTERNATIONAL, INC.

The Wellbore Stability Specialists

Turbo-Phalt

Environmentally Safe Shale Stabilizer
and HTHP Fluid Loss Reducer

DESCRIPTION

Turbo-Phalt is a formulated low softening point gilsonite/resin mixture that has been precoupled with a surfactant/lubricant package. Efficient sealing of micro-fractured formations minimizes unstable wellbore situations, while the sealing capability of TURBO-PHALT reduces mud seepage loss and differential sticking tendencies in low pressure sands. The lubricating qualities impart friction reduction to enhance rotary and motor drilling as well as logging and casing runs.

TYPICAL PHYSICAL PROPERTIES:

- Bulk Density Un-Compacted (lb. / ft³): 42.4
- Appearance: Black Powder
- Odor: Slight
- Softening Point: <150F

RECOMMENDED TREATMENT:

System Treatment rates are 2-6 ppb or as dictated by the fluid engineer on location per specific wellbore condition. A pill containing 15 ppb TURBO-PHALT and 15 ppb PREMIUM SEAL can be applied in a sweep fashion to reduce mud seepage loss, stabilize shale sections, seal low pressure sands, or to coat, seal, and lubricate wellbore prior to logging or running casing. The same formula can be used to spot a pill across a troublesome zone while tripping, logging, or running casing.)

HANDLING:

Available in 50 lb. sacks.

DRILLING FLUID ADDITION

COMPATIBILITY:

Turbo-Phalt is compatible in all mud types.

BENEFITS:

- ✓ Turbo-Phalt is effective at both low and high temperatures and has a broad application in water base and oil base muds
- ✓ Turbo-Phalt also reduces differential sticking tendencies in low-pressure sands.
- ✓ Highly efficient at sealing micro-fractured formations while minimizing unstable wellbore situations.
- ✓ Highly effective HTHP water loss reduction results in thin, tough, lubricated filter cake development.
- ✓ Unlike asphalt based materials, TURBO-PHALT is malleable even at low temperatures, and is able to extrude into micro-fractures.
- ✓ Decreases borehole erosion, washouts, and key-seating tendencies .
- ✓ Reduces BHA balling problems.

TURBO-CHEM INTERNATIONAL, INC. +1.337.235.3098

ADDRESS: 106 W. Saul, Scott, LA 70586

TOLL FREE: 1.800.259.7838

TCI@TURBOCHEM.COM

For more information
just Scan this

