

Product Summary

Turbo-HBL is a harsh environment water-based lubricant specifically developed to solve torque / drag problems in highly tortuous or extended reach wells. Turbo-Lube HBL is derived from natural and renewable resources and is rapidly biodegradable and presents absolutely no danger to marine life or to the operating crew. Turbo-Lube HBL is designed to perform in a wide range of brine waters that have different compositions, including high chlorides, hardness and elevated pH.

Physical Properties:

Specific Gravity: 0.96-0.98

Appearance: Amber Liquid

Pour Point: 10°F

Flash Point: >240°F



Benefits:

- Helps directional tools in sliding.
- Prevents differential sticking.
- Prevents bit balling tendencies.
- Will not adversely affect the mud properties (water and oil based).
- Increases ROP by reducing drilling fluid lubricity Coefficient of Friction.
- Non-damaging to producing zones.

Recommended Treatment

Recommended treatment is 0.5%-3.0% by volume depending on the mud density and desired torque / drag reduction. After the initial treatment, via continuous injection streams of straight lubricant, periodic treatments by sweeps should be made to maintain desired concentration.

Handling and Storage

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

Packaging

Turbo-Lube HBL is available in 55-gallon drums or 275-gallon totes.