

LUBE OB

Oil-dispersible lubricant

APPLICATIONS

- Complex-trajectory and extended-reach wells
- ECD management
- Low-solids and solids-laden nonaqueous fluid systems
- Slimhole wells

BENEFITS

- Reduces torque, drag, and differential sticking risks
- Enables minimal impact on rheological profile
- Decreases the coefficient of friction (COF)
- Tolerates solids contamination

FEATURES

- Compatibility in all nonaqueous fluids
- Effectiveness over wide density range
- Treatment concentrations between 1% and 3% by volume
- Ability to be directly added to the suction pit

LUBE OB* oil-dispersible lubricant is designed for use in all nonaqueous fluid applications that would benefit from decreasing the COF, drag, and potential for differential sticking in the wellbore. This lubricant optimizes the performance of oil-base drilling fluids used in extended-reach wells or wells with complex trajectories. It is also recommended for slimhole applications to increase effective WOB and ROP, which are frequently important considerations for the economic success of these wells.

Typical treatment concentrations of the LUBE OB lubricant are between 1% and 3% by volume. The product should be slowly added directly to the suction pit using a sufficient amount of agitation. Pilot testing is recommended to determine any effects on the system's rheological properties for all applications and subsequent treatments.

The LUBE OB lubricant is available in 55-galUS [208-L] drums. These drums should be stored in the tightly closed original container in a dry, room-temperature, and well-ventilated location away from all heat or ignition sources. Protective equipment should be worn by all personnel when handling the lubricant.

Typical Physical Properties

Physical appearance	Amber liquid
Relative density	0.90–0.95
Flash point, degF [degC]	212 [100]