

LUBE RG

Lubricant

Product Description

LUBE RG is a naturally occurring ester based lubricant, derived from natural fats and oils. It is non-toxic to humans and the surrounding environment. Additions of LUBE RG will significantly reduce torque and drag issues in highly tortuous long reach wells. LUBE RG will not compromise or damage delicate production zones.

Typical Physical Properties

Physical appearance	Amber liquid
Specific gravity	0.98 - 1.01
Solubility	Insoluble in water
Flash Point	446°F (230°C)

Application

LUBE RG is readily dispersible in any solids free drilling fluid or brine. Optimal additions of 1.5 % and 2.0 % LUBE RG by volume, provides excellent results in reducing friction factors upwards of 35%, while drilling long reach holes up to 85° deviation. LUBE RG will increase penetration rates, while preventing bit balling and differentially stuck pipe. Additions will have no negative effects on the fluids rheology, or the filtration properties. In most cases LUBE RG improves the overall API and HTHP fluid loss behaviors of the drilling fluid.

Recommended Treatment

LUBE RG can be added directly into the mud tanks in the range of 1.5 - 2.0% by volume. For best results, it is recommended to add the lubricant via a concentrated sweep.

Toxicity and Handling

Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the Material Safety Data Sheet (MSDS).

Packaging and Storage

LUBE RG is packaged in 55-gal (208-L) drums and in bulk.

Store in dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames.

Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.

Important Note: These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and method of use of our product are beyond our control. We recommend that the prospective user determine the suitability of our material and suggestions before adopting them on a commercial scale.