



# LATERAL LUBE

## DESCRIPTION

**LATERAL LUBE** is a proprietary blend of fatty acids and petroleum distillates primarily designed to enhance lubricity in all types of water base drilling fluids.

## BENEFITS

In comparison with other products currently used to improve mud lubricity, **LATERAL LUBE** out performs them all. **LATERAL LUBE** has been tested in comparable concentrations versus all other commercially available products. **LATERAL LUBE** has out-performed these products in all instances.

## TREATMENT

**LATERAL LUBE** is added directly to the mud pit or through the mud hopper. Treatments of 1.5 to 2.0 ppb are normally sufficient to reduce the coefficient of friction significantly. The best results are achieved by not attempting to emulsify the lateral lube product. Reductions of 50% are not uncommon. Additional treatments are required on deep hot holes as the product becomes emulsified.

## FUNCTION

**LATERAL LUBE** acts as a surfactant to coat the steel tools and well bore creating a lubricating layer. Addition of cement and/or Caustic Soda decreases the ability of **LATERAL LUBE** to remain in the water phase and it becomes ineffective. Attraction of the **LATERAL LUBE** molecules to drill solids and Barite reduces the interaction of these solids improving flow properties.

## TYPICAL PHYSICAL PROPERTIES

Physical Appearance.....Tan to dark brown liquid  
Specific Gravity 0.93  
Bulk Density.....  
Hygroscopic.....  
pH in water.....  
Boiling point: .....182°F  
Low Freeze Point .....Operates below 32°F

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### GEO Drilling Fluids, Inc.

1431 Union Avenue  
Bakersfield, CA 93305

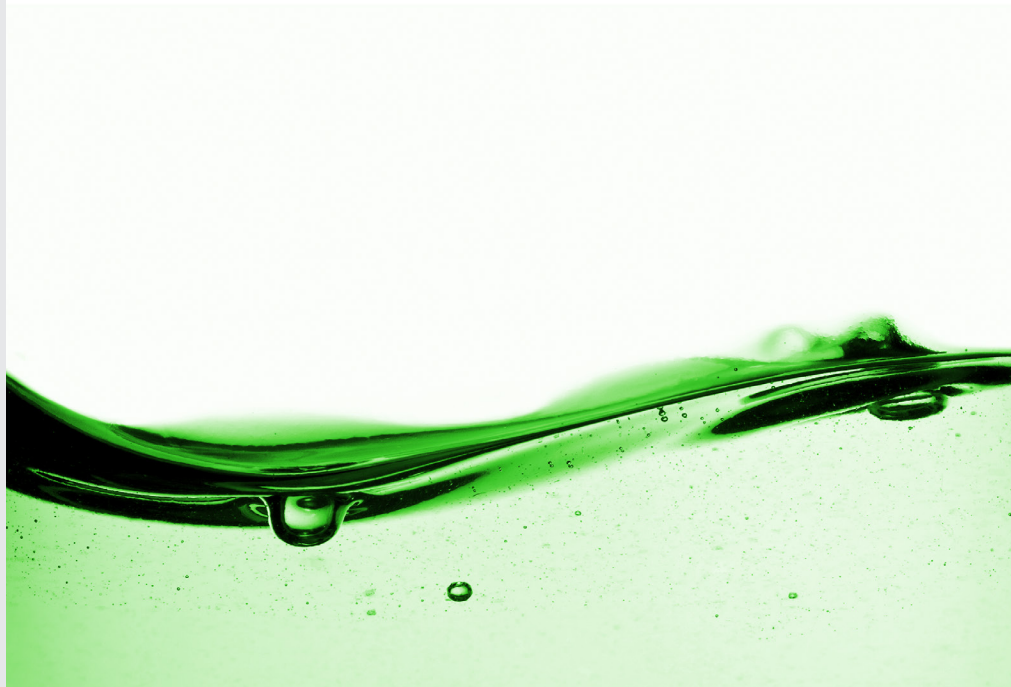
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For more info visit:

**geodf.com**





Drilling Fluids, Inc.

### LAB TEST RESULTS

### SAFE HANDLING RECOMMENDATIONS

### PACKAGING

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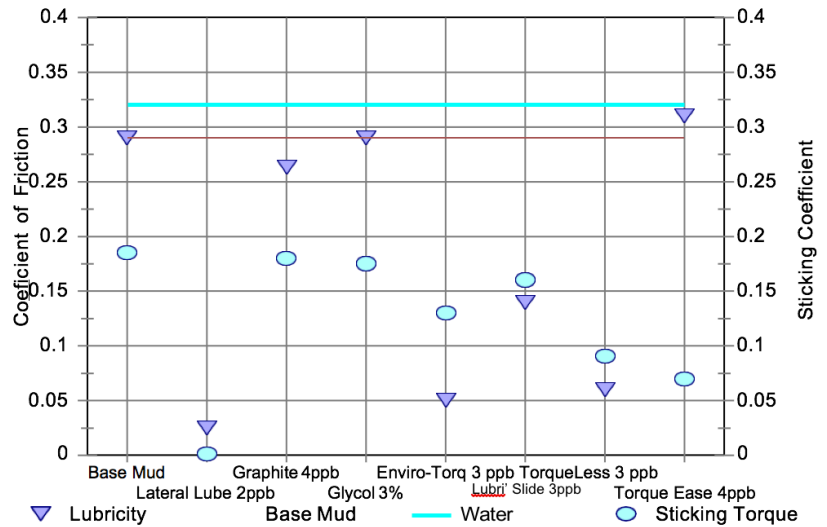
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# LATERAL LUBE

Lubricity Testing



Utilize normal precautions for employee protection when handling chemical products. Use of appropriate respirator, gloves, goggles, and apron is recommended for employee comfort and protection. See Material Safety Data Sheet (MSDS) for this product prior to use.

**LATERAL LUBE** is available in 220 to 330 gallon totes or 5 gallon plastic pails.

