

# LUBE BX

## Field brine lubricant

### APPLICATIONS

- Highly deviated land drilling
- Horizontal land drilling

### ADVANTAGES

- Friction, torque, and drag reducer increases ROP
- Compatible with produced water
- Cold environment resistance up to -13 degF [-25 degC]

### LIMITATIONS

- May grease out when exposed to a high pH-high hardness environment
- Designed for land drilling applications

LUBE BX\* field brine lubricant is a cost-effective, high-performance lubricant designed to reduce the metal-to-metal and metal-to-rock coefficient of friction in produced water and brine fluids. It decreases torque and drag thus increasing ROP in water-based drilling fluid, produced water or brine in highly-deviated and horizontal drilling applications.

It is generally recommended to add LUBE BX lubricant at 3 vol%, but specific drilling conditions will dictate a suitable concentration. LUBE BX can be incorporated into the mud system through the mud hopper using no special or additional mixing equipment.

### Toxicity and handling

Bioassay information is available upon request. Handle as an industrial chemical, wearing protective equipment and observing the precautions as described in the SDS.

### Packaging and storage

LUBE BX lubricant is generally packaged in 55-galUS [208-L] drums in accordance with the Schlumberger Group Chemical Products Packaging Standard regarding InTouch content # 6664001.

Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping, or stacking. Keep containers tightly closed in a dry, cool, and well-ventilated place. Store in original container. Avoid heat, flames, and other sources of ignition.

### Typical Physical Properties

Physical appearance	Light yellow-amber liquid
Specific gravity	0.83 to 0.85
Flash point	>212 degF [100 degC]
Melting or freezing point	<-13 degF [-25 degC]
Solubility in water	Slightly soluble