



# Gas Well Supply

5003 Summerbrook Dr, Colleyville, Texas U.S.A 76034

Ph: 1-866-202-STIX

Fax: (530) 846-4500

---

## Technical Information

### Chem Lube - 601

Slick Reducing Low Toxicity Lubricant

---

#### PRODUCT DESCRIPTION

**Chem Lube – 601** reduces torque, drag and the potential for differential sticking by reducing the coefficient of friction of water-based muds. It can also provide additional wellbore stability and inhibition, and reduce bit-balling. **Chem Lube – 601** is dispersible in all types of water-based fluids and is not affected by contaminants. It is acceptable for most situations specifying a low-toxicity lubricant.

---

#### PRODUCT APPLICATIONS

**Chem Lube – 601** is used where torque, drag and/or the potential for differential sticking are likely, such as when drilling highly deviated or high-differential-pressure wells. This additive is especially useful for preventing the “stick-slip” condition in directional drilling when using the “slide” method without rotation. Normal concentrations range from 2% to 4% or 7 to 17.5 lb/bbl, depending on the mud density, desired reduction in coefficient of friction and the mud system. After the initial treatment, periodic treatments should be made to maintain the desired concentration. Treatment levels and product usage will depend on the rate of penetration, solids control equipment and dilution rates.

---

#### PHYSICAL PROPERTIES

Form/Color	Clear Dark Amber Liquid
Specific Gravity	1.0-1.12 @ 77°F
Flash Point	430°F (PMCC)
pH (2% solution)	8.0-11.0
Solubility in water	Slight

---

#### SHIPPING AND HANDLING

**Chem Lube – 601** is a low toxicity product, please refer to MSDS for handling. **Chem Lube – 601** can be packed and shipped in 55 gal drums, 265 gal totes or in bulk.