



## CoilSTREAM LG 1000 LIQUID GRAPHITE

CoilSTREAM LG 1000 Liquid Graphite lubricant is a highly-specialized lubricant customized for the oil and gas industry. CoilSTREAM LG 1000 is an emulsion based, environmentally responsible lubricant that is effective at high pressure and high temperature (over 400 F). CoilSTREAM LG 1000 is a metal on metal lubricant for drilling and coil tubing with unique nanoparticles. It is designed to reduce torque and drag while increasing Rate of Penetration (ROP) in all water-base drilling fluids. The unique platelet shaped nanoparticles position themselves between contacting surfaces aiding in movement of the two surfaces. CoilSTREAM LG 1000 quickly lubricates metal surfaces reducing friction and preventing corrosion. It does not grease-out (“cheese out”) in the presence of lime and calcium and does not adversely affect rheology or gel strength.

### Dosage

	.5%	1.0%	1.5%	2.0%
Fresh	66.5%	71.5%	73.8%	72.6%
DI	73.2%	73.5%	73.8%	74.1%
2% KCL	63.5%	71.5%	72.6%	72.6%

### Benefits

- Lubricant for coil tubing applications
- Lubricant for work over units for well interventions
- Lubricant for wire line and slickline
- Unique nanoparticle’s specialty platelet shape easily positions between two surfaces reducing friction
- Quickly lubricates
- Mitigates corrosion
- Increases ROP
- Reduces the coefficient of friction
- Allows more weight to the BHA
- Decreases torque and drag

### Compatibility

CoilSTREAM LG 1000 is compatible with both anionic and cationic chemistries.

### Handling/Storage

Store in a cool, dry, well ventilated and shaded area, away from heat sources and incompatible materials. To maintain product quality, store product at temperatures below 104°F (40°C). Refer to the Safety Data Sheet (SDS) for handling and hazard data.

### Physical Properties

Appearance ..... Dark Gray to Black  
 Liquid Odor ..... Mild  
 Flash Point ..... >200°F  
 Boiling Point ..... N.A.  
 Freezing Point ..... N.A.  
 pH (neat) ..... 4.5-5.5  
 Solubility ..... Insoluble in water  
 Chemical Family ..... Petroleum Naphtha

### Ordering Information

Available in 5 gallon buckets or totes.  
 Contact information is below.

**Call us at 724-915-8388, or visit us on the web at [www.chemstream.com](http://www.chemstream.com)  
 511 Railroad Avenue, Homer City, PA 15748 | Office 724-915-8388 | Fax 724-915-8374**

Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user’s specific application. Chemstream does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing about the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, about the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.