

DRILL-LUBE GOLD STAR

PRODUCT DESCRIPTION

DRILL-LUBE GOLD STAR is a blend of full film-forming lubricants and boundary layer surfactants formulated for use in water-based drilling fluids. It is specifically designed for use in down hole drilling applications where problems associated with torque, drag, and sliding exist. DRILL-LUBE GOLD STAR has a high affinity for metal and creates a durable protective film on tubulars, allowing for increased corrosion and wear protection.

DRILL-LUBE GOLD STAR is effective in a wide pH range and is tolerant of very high hardness (>10,000 ppm Ca/Mg). It is compatible with most water-based mud systems including fresh water, cut brine and saturated sodium chloride brine systems.

Treatment levels for mud systems range from 1% - 3% by volume, while pills typically contain 3% - 5%, depending on the degree of problems encountered. Pilot testing is recommended prior to field application. Avoid simultaneous mixing of dry products into the mud while adding DRILL-LUBE GOLD STAR.

PRIMARY APPLICATIONS

- ✓ Full film-forming, surfactant-based lubricant blend with a high affinity for metal surfaces
- ✓ Enhanced torque and drag reduction
- ✓ Durable film improves corrosion and wear protection
- ✓ Compatible with fresh water and high brine muds
- ✓ Tolerant of high calcium content fluids

PHYSICAL PROPERTIES

- ✓ Appearance: Dark red liquid
- ✓ Specific Gravity @ 60°F: 0.89 g/mL
- ✓ pH @ 10%, 50/50 Water IPA: 5.5 - 6.5
- ✓ Flash Point, (PMCC) °F: ³ 78
- ✓ Pour Point, °F: ≤ -40
- ✓ Viscosity, CPS @ 75°F: 15-35

PACKAGING

- ✓ DRILL-LUBE GOLD STAR is available in 330-gallon poly totes



Houston, Midland, Stockdale, Texas | Enid, Oklahoma | Lafayette, Louisiana |
Minot, Williston, North Dakota | Casper, Wyoming

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