

SUN's HydroGold®

EXCEPTIONAL COIL TUBING LUBRICITY

SUN's HydroGold® is a high-performance pipe on pipe lubricant for brine and water-based drilling systems, utilizing a synthetic hydrocarbon base.

SUN's HydroGold® is a high performance, environmentally safe lubricity additive, synthetic and contain no aromatics or adverse properties of traditional mineral and diesel oils.

SUN's HydroGold® enhances the performance of the fluid by preferentially placing a thin film coating on the coil and casing which acts as a boundary layer lubricant in high temperature and pressure applications. SUN's HydroGold® is readily dispersible and compatible with fresh and brine-based systems.

SUN's HydroGold® has proven successful in solving problems relating to kick-off point difficulties and other extended reach applications.

Advantages

- Reduces torque and drag
- Decreases friction and wear
- Minimizes sticking coil
- Base fluid thermal stability
> 600°F (315°C)
- No adverse effect on fluid rheology
- Broad range efficiency
- Replacement for diesel, mineral oil-based fluids, or another synthetic base lubricant additive
- Meets EPA discharge requirements
- No effect on LC₅₀ value of active system

Packaging

- 5-gallon pails (18.9 L)
- 55-gallon drums (208 L)
- 275-gallon (1,041 L)
- 550-gallon (2,082 L)



Physical Properties

- Specific gravity:
0.80
- Flash point COC
>300°F, (149°C)
- Appearance
Clear amber liquid

Recommended Treatments

- 1% - 3% by volume
- Pill application

CoF Lab Results @ 2%

- 10 ppg NaCl Brine:
CoF 0.123
57.3% reduction
- Fresh Water:
CoF 0.084
79.6% reduction
- Xanthan gum brine slurry:
CoF 0.066
75.8% reduction



Enhancing Your Value Horizons

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