

HYDROGOLD™

PERFORMANCE AND ENVIRONMENTAL STEWARDSHIP COMBINED

HYDROGOLD™ is a proprietary fortified vegetable oil extract designed for drilling and coil tubing brine fluid applications. This blend is environmentally friendly as well as providing outstanding pipe on pipe friction reduction.

HYDROGOLD™ TEST RESULTS:

FLUID TYPE	HYDROGOLD APPLICATION	METAL/METAL TORQUE REDUCTION
10.0 ppg CaCl brine	2%	69.8%
10.0 ppg NaCl brine	2%	89.0%
9.2 ppg cut brine	2%	67.2%
Produced Water (Bakken)	2%	50.0%
Hot rolled w/fresh water	2%	85.3%
Frozen/thawed fresh/brine	2%	84.0%

Advantages

- ◆ Environmentally friendly
- ◆ Biodegradable
- ◆ Non-toxic

Physical Properties

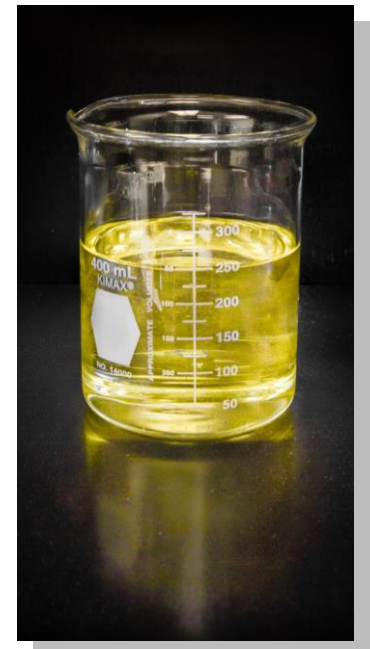
- ◆ Apparent Density 0.9
- ◆ Appearance yellow/golden
- ◆ Odor natural vegetable oil
- ◆ Freeze Point -20°C/-4°F
- ◆ Flash Point 321°C/610°F
- ◆ Insoluble in any drilling fluid

Packaging

- ◆ 5 gallon pails
- ◆ 55 gallon drums
- ◆ 275 gallon totes

Application

- ◆ 1%-2% by volume
- ◆ Each fluid application is unique.
- ◆ Call 1-800-962-6490 to discuss your application with a SUN Specialist.



SUN...The HOLE Solution Company!

USA Toll Free 1.800.962.6490

Canada 403.319.0677

www.SunDrilling.com

Solutions@SunDrilling.com