

SUN'S COASTALUBE®

EXCEPTIONAL LUBRICITY USING SUN'S PATENTED PAO TECHNOLOGY

SUN'S COASTALUBE® is a high performance drilling fluid lubricant for water-based drilling systems, utilizing a polyalphaolefin (PAO) synthetic hydrocarbon base. SUN'S COASTALUBE® is an environmentally safe lubricity additive with a secondary function of well bore stability and shale inhibition. PAOs are man-made and contain no aromatics or the adverse properties of traditional mineral and diesel oils.

SUN'S COASTALUBE® enhances the performance of drilling mud in low-pressure situations by coating the formation and drill string as well as acting as a boundary layer lubricant in high temperature and pressure applications. SUN'S COASTALUBE® is readily dispersible and compatible with salt water based systems.

SUN'S COASTALUBE® has proven successful in solving problems relating to angle building, angle dropping, kick-off point difficulties, and mud motor drag.



Uses

- ◆ Reduces torque and drag
- ◆ Minimizes bit balling
- ◆ Decreases friction and wear
- ◆ Minimizes differential pressure sticking

Advantages

- ◆ Non-toxic
- ◆ Non-sheening
- ◆ Base fluid thermal stability > 600°F (315°C)
- ◆ No adverse effect on rheological properties
- ◆ Broad range efficiency
- ◆ Replacement for diesel, mineral oil-based fluids, or other synthetic base lubricant additives
- ◆ Meets EPA discharge requirements
- ◆ No effect on LC₅₀ value of active fluid system

Packaging

- ◆ 55-gallon drum (208 liter)
- ◆ Rig storage containers
13bbl/550 gallon, (2.07m³)
- ◆ Disposable tote tanks

Physical Properties

- ◆ Specific gravity 0.80
- ◆ Viscosity SUS 100° 81.4
- ◆ Flash point COC >300°F, (149°C)
- ◆ Appearance Clear amber liquid
- ◆ Funnel viscosity 70° - 63 second
120° - 44 second

Recommended Treatments

- ◆ Drilling 1% - 6% by volume
- ◆ Pill application



Sun ... The HOLE Solution Company!

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