

COASTAL SPOT®

THE LEADER IN FREEING DIFFERENTIALLY STUCK PIPE

COASTAL SPOT® is a unique blend combining a polyalphaolefin (PAO) synthetic hydrocarbon, special emulsifiers, activators, and initiators. The PAO-base fluid is patented by Sun Drilling Products Corporation for use as a drilling fluid additive.

Differential pressure sticking is the most common cause of stuck pipe in drilling operations. Circumstances that lead to differential sticking vary and include:

- ◆ Overbalanced formation pressure
- ◆ Stationary drill string
- ◆ Excessive filter cake



As drilling fluid is lost into the formation, the small pores of the formation face serve as filters; trapping the solids present in the mud system and causing filter cake thickening. COASTAL SPOT® dehydrates and cracks this filter cake, penetrating the area around the pipe with the highly lubricious PAO, allowing the stuck pipe to become free.

COASTAL SPOT® contains no aromatics or other undesirable characteristics found in traditional mineral and diesel oils. Toxicity testing under NPDES guidelines shows that COASTAL SPOT® has no effect on the LC₅₀ of the drilling mud system and does not cause sheening. Packaging in 275 gallon or 550 gallon totes allows the operators to keep COASTAL SPOT® readily available on the drilling rig until the product is needed. This insures the operator can pump the pill down hole promptly, significantly increasing the probability for success.

Advantages and Benefits

- ◆ Non-toxic
- ◆ No effect on LC₅₀ value of active mud system
- ◆ Non-sheening
- ◆ No adverse effect on rheological properties
- ◆ Easily blended on location
- ◆ Easily weighted up with barite
- ◆ Replaces for diesel/mineral oil based fluids

Physical Properties

- ◆ Specific Gravity: 0.80
- ◆ Viscosity SUS 100°F 51.3
- ◆ Flash Point COC: >300°F (149°C)
- ◆ Pour Point -20°F (-28°C)
- ◆ Base fluid thermal stability >600°F (315°C)
- ◆ Appearance: Clear amber liquid

Packaging

- ◆ Rig storage bulk containers
275 gallon (6.5 bbl) 550 gallon (13 bbl)

Call or email SUN to discuss your application with a Product Line Specialist.

SUN...The HOLE Solution Company!

USA Toll Free 1.800.962.6490

Canada 403.319.0677

www.SunDrilling.com

Solutions@SunDrilling.com