

SLICKPIPE-EP-II

NON-FLUORESCENING, EXTREME PRESSURE MUD LUBRICANT/SURFACTANT

DESCRIPTION

SLICKPIPE-EP-II is a proprietary blend of natural oils and surfactants in a non-toxic base. The product is a freeflowing liquid, and is biodegradable, non-toxic, and does not fluoresce.

TYPICAL PROPERTIES

Appearance	Dark brown, opaque, slightly viscous liquid
Specific Gravity (20 °C)	Approx. 0.95
Solubility	Oil soluble, water dispersible
Flash Point	> 80 °C.
Freezing Point	-10 °C.

APPLICATION

SLICKPIPE-EP-II is an excellent general drilling mud lubricant for reduction of torque and drag, as well as for extreme pressure (EP) applications. SLICKPIPE-EP-II should be used in water base muds whenever torque, drag, or excessive bit gauge wear are encountered. This product can be used in all water-base mud systems, is calciumtolerant, and exhibits additional properties such as emulsification and wetting.

SLICKPIPE-EP-II will not affect the performance or characteristics of the drilling fluid system being used. In addition, this excellent product will not provide a sheen on water because it contains no aromatics. This nonfluorescing characteristic is very important because it means that SLICKPIPE-EP-II will not adversely affect down hole well logging operations. SLICKPIPE-EP-II is stable at high temperatures.

RECOMMENDED TREATMENT

SLICKPIPE-EP-II is typically loaded at a concentration of approximately 1 lb/bbl (0.285%) by volume of the mud system under most conditions. However, concentrations of up to 7 lbs/bbl (2%) by volume may be necessary depending on the severity of the problem encountered. The higher concentrations may be used without adverse consequences if warranted by extreme conditions.

PACKAGING

SLICKPIPE-EP-II is available in 55 gal steel drums and 5 gal plastic pails.

MISCELLANEOUS

SLICKPIPE-EP-II is essentially non-polluting and is non-toxic.

SLICKPIPE-EP-II is a Messina trademark