

# MM LUBE™

#### RECOMMENDATIONS

MM Lube™ is recommended for use in total system treatment at a 1-2 gallon concentration per 1,000 gallons of fluid. MM Lube™ is easily dispersed and can be added through the hopper directly into the active system or through premixing equipment.

MM Lube $^{\text{TM}}$  has been developed to provide superior friction reduction and rheological stabilization of the fluid..

MM Lube $^{\text{TM}}$  is designed to provide excellent lubricity while remaining environmentally friendly.

MM Lube™ has outstanding film strength to provide lubrication where you need it, when you need it.

MM Lube $^{\text{TM}}$  was developed to provide lubrication to MMO, MMH and MMS waterbased drilling fluids.

#### GENERAL INFORMATION

MM Lube™ is a biobased, non petroleum based luricant developed for providing lubricity to MMH, MMO and MMS waterbased drilling fluids. MM Lube™ is recommended for use whenever friction caused from surface to surface contact is anticipated, MM Lube™ is biodegradeable, non-toxic and specifically engineered for low to no environmental impact. MM Lube™ is well suited for use in MMO, MMH and MMS waterbased drilling fluid systems because it has minimal to no effect on the rheological properties of these drilling fluid systems. MM Lube™ was developed to lubricate the drilling fluid system to provide increased lateral reach by reducing the coefficient of friction between the bit and formation and the BHA and the casing.

## **PACKAGING**

MM Lube<sup>m</sup> is packaged in fifty five (55) gallon drums or five (5) gallon buckets. Prices for special packaging will be quoted on request.

## TYPICAL PROPERTIES

Form : Viscous Liquid

 Color
 : Yellow

 Odor
 : Mild

 pH
 : 3.0-5.0

 Specific Gravity
 1.04-1.07

 Stability
 : 14 hrs at 300°

## **PRECAUTIONS**

See the Safety Data Sheet for more detailed information concerning storage, handling, transportation, disposal and safety requirements.