



## PIPE ON PIPE Lube™

#### **General Description:**

PIPE ON PIPE Lube™ is a specially formulated lubricant specifically developed for very low friction. PIPE ON PIPE Lube™ is chemically designed to have a high affinity for metal surfaces. This guarantees that the lubricant will be concentrated exactly where it is needed. PIPE ON PIPE Lube™ eliminates torque and drag, prevents differential sticking, and protects the system from corrosion.

## **Typical Physical Properties:**

Form, @ 70°F	Liquid
Density, (lbs/Gal)	7.6
Flash Point, °F (TCC)	>200
Pour Point, °F	< 30
pH, ( 5% in 3:1 IPA / water)	5.5 - 7.5

Solubility

Water and Brine Dispersible Xylene and Mineral Oil Dispersible

#### Compatibility:

Compatible with known drilling and coiled tubing fluids and additives. A compatibility test is always recommended.

#### **Lubricity:**

Coefficient of Friction measured at 150 inch pounds is less than 0.05

#### **Environment:**

Not hazardous to the environment.

## **Typical Dosage:**

In drilling applications, for a typical 800-1000 bbl system, add 2 bbl slowly. Maintain the system as needed while drilling. PIPE ONPIPE Lube $^{\text{TM}}$  is an oil soluble product and will not mix readily with the drilling fluid.

Similarly for Coiled Tubing, typically used at 0.3% to 2% on a continuous basis or spotted as required in stuck-pipe situations.

# **Temperature Limitations:**

Can be used across a wide temperature range, no lower or upper temperature limitations on performance. Has been effectively used up to BHT of 400 F. Stable up to 450 F.

### Packaging:

330 ga one way totes, 275 ga one way totes, 55 ga drums and bulk tank trucks

### **Availability:**

Pleasanton, TX; Beasley, TX and Midland, TX

## **DoT Classification:**

Not Regulate