

# **DCS HDD Lube**

## **Drilling Fluid Lubricant**

#### **Description**

HDD Lube is a vegetable oil based lubricant that will increase the lubricity of any drilling fluid. Lubricating and cooling the drill string and bore is a primary function of HDD drilling fluids. Adding HDD Lube will improve lubrication in all kinds of ground conditions. This additive will reduce drill pipe torque and lower pull back pressures.

#### **Characteristics**

- HDD Lube should be added directly to the drilling fluid avoid adding through a hopper.
- Should be added after the bentonite is initially mixed if used in bentonite mud.
- HDD Lube can be used with any DCS additive.
- Best in lowering pullback pressure and drill string torque

# Mixing Dosage Rates

• Add DCS HDD Lube at a rate of 1 to 5 gallons per 1000 gallons fluid

## **Packaging**

DCS FlowPac is available in 5 gallon pails