BaraLube®-921
DRILLING LUBRICANT

Product Description

BaraLube®-921 lubricant (formerly known as BDF™-921) is designed to reduce torque and drag while drilling with oil-based, water-based, concentrated brine and produced water drilling fluid systems. This product is a hydrocarbon blend which is tolerant of high temperatures, extreme pH values and elevated concentrations of chlorides, calcium and ammonia. BaraLube-921 is formulated for cold weather storage. In addition to a reduction in drill string torque, it can decrease the tendencies for bit-balling, stuck pipe and other causes of low ROP. BaraLube-921 can be added to drilling fluid systems without detrimental effects on rheology and performance.

Applications/Functions

» Oil-based, water- and brine-based drilling systems
» Reduction of torque and drag
» ROP enhancer

Advantages

» Tolerant of harsh drilling brines
» Stable in water-based fluids with high hardness and ammonia concentrations
» Pour point down to -12°F (-24°C)
» Stable up to 350°F (177°C)

Typical Properties

» Appearance: Amber liquid
» Specific Gravity: 0.87
» Flash point: 136°F (58°C)

Recommended Treatment

BaraLube-921 is effective at concentrations in the range 2-4% v/v. After initial treatment, periodic additions will maintain the desired concentration and performance.

Packaging

BaraLube-921 lubricant is available in 55 gallon (208 L) drums and 275 gallon totes (1041 L).