

BaraLube[®] W-661

DRILLING LUBRICANT

Product Description

BaraLube[®] W-661 lubricant is designed to reduce torque and drag while drilling with water-based mud, concentrated brine and produced water drilling systems. BaraLube W-661 is tolerant of high temperatures, extreme pH values and elevated concentrations of chlorides, calcium and ammonia. In addition to a reduction in drill string torque, BaraLube W-661 can decrease the tendencies for bit-balling, stuck pipe and other causes of low ROP. BaraLube W-661 is commonly used in solids-free fluids, but can be added to drilling fluid systems without detrimental effects on rheology and performance.

Applications/Functions

- » Water- and brine-based drilling systems
- » Reduction of torque and drag
- » ROP enhancer

Advantages

- » Tolerant of harsh drilling brines
- » Stable in high hardness and ammonia concentrations
- » Maintains performance at pH 4.5-10.5
- » Stable up to 350°F (177°C)

Typical Properties

- » Appearance: Amber liquid
- » Specific gravity: 0.90
- » Freezing point: 36° F (2°C)
- » Flash point: 400° F (204°C)

Recommended Treatment

BaraLube W-661 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 W-661 lubricant is available in 55 gallon drums and 275 gallon totes.

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