BaraLube® W-511
DRILLING LUBRICANT

Product Description

BaraLube® W-511 drilling lubricant is a phosphonate-based additive for the reduction of torque and drag in water-based drilling and completion systems. BaraLube W-511 can provide lubrication of metal to metal and metal to rock surfaces in highly deviated well plans. BaraLube W-511 will perform in a range of base fluids, including divalent brines.

Applications/Functions

» Reduces rotational torque and drag
» Reduces metal/metal and metal/rock friction
» Water-based drilling and completion fluids

Advantages

» Effective in mono- and divalent brines
» Granted the best possible environmental rating

Typical Properties

» Form: Light yellow liquid
» Specific gravity: 1.05
» Flash point: >212°F (>100°C)
» Pour point: <41°F (<5°C)
» pH: 3-4
» Solubility: Water soluble

Recommended Treatment

Lubrication can be achieved with concentrations of around 2% v/v BaraLube W-511. After initial treatment, periodic applications will maintain the desired concentration and performance.

Packaging

BaraLube W-511 lubricant is packaged in 1,000 liter (264 gal) IBC tanks.