

NuFlo® NuDrill Lube

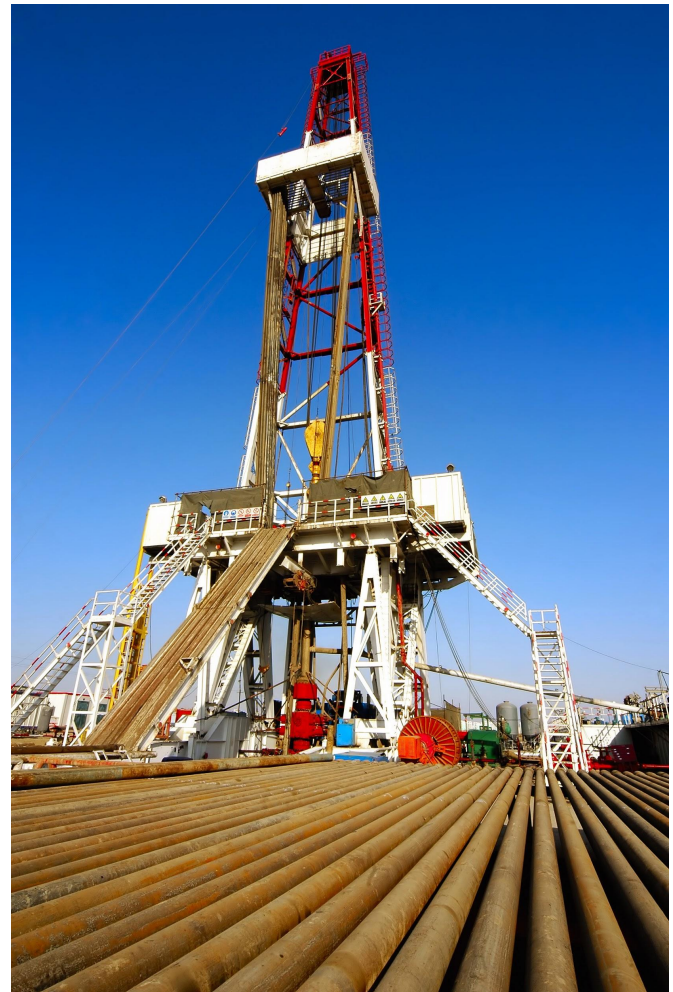
Technical Data Sheet

Water soluble brine drilling lubricant for torque reduction

Description:

NuFlo NuDrill Lube special metal-to-metal friction reducer that when added to brine based/water-based drilling muds will reduce torque at very low concentrations. **NuFlo NuDrill Lube** is designed to reduce friction in seawater, sodium chloride, sodium bromide, calcium chloride, calcium bromide and potassium formate completion fluids.

NuFlo NuDrill Lube has been shown to reduce torque and drag by more than 50% at very low concentrations. The optimum concentration **NuFlo NuDrill Lube** is 1-drum per 262 barrels of fluid (0.5% by volume).



Product Benefits

- 10% more torque reduction than Safe-Lube® from MI Swaco a Schlumberger company
- Up to 50% Reduction in Torque
- Reduce drilling time by 25-50%

NuFlo NuDrill Lube

BULK DENSITY	8.51 lbs/gal
SPECIFIC GRAVITY@ 20 C	1.020 + 0.05 g/cm ³
SOLUBILITY IN WATER	100%
FLASH POINT (TCC):	None
% VOLATILES BY VOLUME @ 21 °C (70 °F)	0%
VISCOSITY	1 mPas @ 0.5%
pH	6.5 - 7.0

SOLUBILITY

HIGH Calcium Waters:	Soluble
HIGH TDS BRINE:	Soluble
FRESH WATER:	Soluble
Water Based Muds:	Soluble

Product Advantages:

- Will not damage formation
- Soluble in most completion brines
- Effective at low concentrations
- Will improve filtration operations in muds
- Non-hazardous formula
- Readily biodegradable

DO NOT USE with zinc based fluids.

Availability: 55-gallon containers and 275-gallon tote-bins.

Storage: Keep out of direct sunlight. Keep from freezing. Store between 40-120°F.

This product is classified and labeled according to the Globally Harmonized System (GHS).

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