

Extreme Pressure Lubricant and Torque Reducer NEOGREEN EST-113

TECHNICAL INFORMATION SHEET

GENERAL INFORMATION

NEOGREEN EST-113 is an ester-based lubricant derived from vegetable fats and oils. It is totally biodegradable, making its use safer for the personnel.

Torque reducer and extreme pressure lubricant for water-based drilling fluids. It promotes additional stability at the well walls, assists in inhibition and improves filtrate control to improve fluid and API fluid and HTHP fluid loss behaviors.

Soluble in water, having a greater dispersion and high efficiency as a lubricant, reducing friction factors during drilling.

Compatible with modern products used in this type of fluid.

It can be used in any pH range.

BENEFITS

Reduction of friction coefficient, reduces the accumulation of clay in Bit - Balling bit, and it is not affected by contaminants.

Biodegradable.

Does not interfere with rheology and yields up to 20% greater yield.

PHYSICAL-CHEMICAL PROPERTIES

Aspect	Clear Yellow Liquid
Density @ 25°C	0.90 – 1.05
Water solubility	Soluble
Acidity Level	10 – 25 (mg/KOH/g)
Solubility	Soluble in water and organic solvents

APPLICATIONS

The concentration used will depend on the severity of the operation and the type of training. A range of 0.5 to 3.0% on the volume of the fluid is indicated. Added directly to the mud tanks or through the funnel.

AVAILABILITY

NEOGREEN EST-113 is available in drums, bulk or in IBC containers specified by the user.

STORAGE

Store in ventilated area, humidity free, or in appropriate tanks. For further information on product safety, please refer to the MSDS (Material Safety Data Sheet).