

## DESCRIPTION

PF-GreenLube is a kind of biodegradable and environment friendly lubricant. It is widely used in water based drilling fluid. It forms hydrophobic membrane on the surface of metal, rock and clay, then transform the solid-solid friction between drilling tools and well wall into membrane-membrane one. In this way, it reduces the friction and steering resistance for drilling tools. Finally it improves the lubricity of drilling fluid.

## FEATURES

- Biodegradable 100%, BOD5/COD value approx. to 1
- Non-toxic, LC50>35000ppm
- No need to shear and dispersed easily in water based drilling fluid
- Applied to freshwater, seawater and saturation salt water based drilling fluid system
- Obviously reduce the friction, torque and adhesion index on the mud-cake

## APPLICATION

- Freshwater, seawater and saturation salt water based drilling fluid
- Suggestion dosage: 1.0 ~ 3.0%

## PACKAGE

- 200kg/galvanized iron drum or based on customers' request.
- It should be stored in ventilated, cool, dry and clean shelters. No fire..

## Specification

Appearance	Milky liquid
Density(20°C), g/cm3	1.12 ~ 1.17
pH	6 ~ 8
Pour point, °C	<-20
Reduce rate of torque (freshwater bentonite mud), %	80
Reduce rate of torque (seawater bentonite mud), %	≥70

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