

# PF-HLUB

## Anti-bit balling lubricant

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### DESCRIPTION

PF-HLUB is a kind of low fluorescence grade and non-toxic lubricant. It can decrease fluid loss of drilling fluid and improve the quality of mud-cake. It can prevent the forming of bit balling and mud-ball. It can decrease the friction of drilling fluid.

### FEATURES

- No need to shear and have good compatibility with freshwater and seawater based drilling fluid.
- Obviously decrease torque and efficiently prevent the forming of bit balling.
- Efficiently reduce the risk of jamming of drilling tools due to differential pressure and help to form ultra-low permeability inner mud-cake.

### APPLICATION

- Applicable temperature: ≤120°C

### PACKAGE

- 200kg/galvanized iron drum or based on customers' request.
- It should be stored in ventilated, cool, and dry areas. Avoid being exposed to the sun and rain. Shelf life: 24 months.

### Specification

Appearance	Amber to yellow-brown liquid
Density(20°C), g/cm <sup>3</sup>	0.810 ~ 0.885
Flash point, °C	≥70
Hydroxyl value, mg KOH/g	35 ~ 45
Acid value, mg KOH/g	≤2.0
Reduce rate of torque (6% bentonite mud, 3% dosage), %	≥70

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