

**PF-LPF-H**

Hydroxyl Film Forming Agent

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## DESCRIPTION

The drilling fluids that joined PF-LPF-H can form high quality film in a short period of time on low permeable formation wall surface like shale; the film can prevent drilling fluid filtrate into the formation, and play a great role on shale protection and wellbore stability.

## FEATURES

- The PF-LPF-H add into drilling fluids make fluids with film property and be called film forming drilling fluids, the film forming drilling fluids can form a completely isolation membrane on borehole wall, which has a strong inhibition of mud shale hydration dispersing, swelling capacity, effective plugging formation micro cracks, can stop or slow down the water and drilling fluid into formation, achieve the goal of stabilizing borehole wall and protect reservoir.
- Form sealing membrane on the surface of rock and can effectively reduce filtration loss, it is effectively formation sealing for different pore of sand bed, core and crack.

## APPLICATION

- Suggestion dosage: 1.0-2.0%

## PACKAGE

- Packaged in 25 Kg multiply paper sack and within waterproof plastic film. Or based on customers' request.
- It should be stored in cool, dry and ventilated areas and avoid being exposed to the sun and rain.
- Shelf life: 24 months.

## Specification

Appearance	Gray powder
pH	7-10
Weight of Wet Screen Residue (60 mesh) , %	≤10
Moisture, %	≤10
HTHP Filtration loss (150°C 600psi) , mL/30min	≤28
Water Filtration through mud cake, mL/30min	≤10

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