

## DESCRIPTION

PF-PIPE STAR is comprised of many additives. It can be used to prepare non-weighting pipe-free agent with diesel, mineral oil and water, etc. It also can be applied to prepare weighting pipe-free agent with proportional diesel (or other kinds of mineral oil), water and barite. Its density ranges from 0.85 to 2.26 g/cm<sup>3</sup>. PF-PIPE STAR is applied successfully in many bit-sticking accidents in the Bohai oil fields.

## APPLICATION

- Well temperature range: ≤180°C;
- The density of drilling fluid: ≤ 2.26g/cm<sup>3</sup>;
- Applied in the bit-sticking accidents caused by conglutination, pressure difference and bit-balling, etc.

## 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: 12 months.

## Specification

Appearance	Transparent to semitransparent, clay bank to reddish brown and thick liquid
Density, g/cm <sup>3</sup> (20°C)	0.96 - 1.00
Flash point, °C	≥90
Pour point, °C	≤-10

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