



产品介绍——中低温钻井液用树脂沥青

Low and Medium Temperature Resin Asphalt for Drilling Fluid Introduction

产品名称 (Product name)

中低温钻井液用树脂沥青 DLF-50

Low and Medium Temperature Resin Asphalt for Drilling Fluid DLF-50

性能及应用 (Application)

中低温钻井液用树脂沥青 DLF-50 是由树脂聚合物和沥青经特殊加工而成的，并添加了表面活性剂等。DLF-50 主要用于提高中低温钻井液的降滤失防塌性能。DLF-50 对地层裂缝能有效封堵，具有较好的抗盐能力，较强的抑制性、良好的降滤失功能，在常温至 120℃ 井温条件下有利于井壁的稳定，能有效降低泥饼摩擦系数，钻井液性能稳定，使用方便，使用效果明显。

DLF-50 在泥浆中加量 2%，即能够改善钻井液的流变性，产生良好的降滤失、封堵防塌作用。

The low and medium temperature resin asphalt for drilling fluid is a kind of chemosynthesis agent which is processed from resin polymer, asphalt and multi-surfactant. It is used mostly to enhance the reducing filtration and anti-caving capacity of drilling fluid under low and medium temperature. The DLF-50 can efficiently block formation crack. The DLF-50 has some good performance, such as salt resistance, inhibitory and fluid loss performance. From normal temperature to 120 °C, the DLF-50 can keep borehole wall stable and reduce friction coefficient of the mud cake, and the drilling fluid which including the DLF-50 has steady performance, convenient operation and evident effectiveness.

The recommended concentration for drilling fluids is 2 percents. The drilling fluid will deserve better property, such as rheological property, filtration loss control, plugging property and so on.

质量指标 (Specifications)

项 目 <i>Properties</i>		技 术 指 标 <i>Values</i>	
外 观 Appearance		黑色或黑褐色粉末 Black or black brown powder	
细度(筛孔 0.6mm 筛余量)	%	≤10.0	
Fineness (Screenings, 0.6mm Standard sieve)			
烘失量 Drying content	%	≤10.0	
水溶物含量 Water-soluble ratio	%	≥35.0	
油溶物含量 Oil-soluble ratio	%	≥25.0	
pH 值 (1%溶液) (1% Solution)		7.0~9.0	
基浆加样后试验浆 Base mud with DLF-50	表观粘度 Apparent viscosity	mPa.s	≤10.0
	中压滤失量(60℃) FL _{API} (60℃)	mL	≤12.0
基浆加样后 120℃ × 16h 热滚后试验浆 Base mud with DLF-50 120℃ Hot rolling/16h	表观粘度 Apparent viscosity	mPa.s	≤10.0
	高压滤失量(120℃) FL _{HTHP} (120℃),	ml	≤25.0
起泡率 Bubbly Ratio, %		≤10.0	

包装储运 (*Packaging*)

本品采用三合一牛皮纸袋包装 (25Kg/袋), 并内衬防水塑料膜。防日晒雨淋, 贮存在阴凉处。

The product should be packed with triple kraft paper bags as the outside bag and the plastic film bag as the inside bag (25Kg per package) . Prevent it from sunshine and rainwater and reserved in cool storeroom.

操作安全提示 (*Operation safety tips*)

避免接触到眼睛, 使用时应戴好防护眼镜、手套。安全性信息详见材料安全数据表 (MSDS)。

Wear protective glasses to avoid contact with eyes, gloves when using. Safety information refer to the material safety data sheet (MSDS).