

Non-fluorescent anti-caking lubricant[®]

Product Description

Specifically developed for water-based drilling fluid systems, this product combines lubrication and drag reduction, shale control, and wellbore stabilization. It contains no fluorescent substances and does not interfere with fluorescent logging or oil and gas display analysis. It effectively reduces drill string torque and frictional resistance, increases mechanical drilling speed, and simultaneously suppresses shale hydration and swelling, thereby minimizing complex downhole conditions such as wellbore collapse, borehole narrowing, and stuck pipe.

It offers excellent resistance to salt, calcium, and contamination, making it suitable for freshwater, brine, and high-mineralization water-based drilling fluid systems. This product delivers a high cost-performance ratio in horizontal wells, directional wells, deep wells, and shale gas wells.

Applications/Features

- Non-fluorescent formulation that does not interfere with logging analysis
- Excellent lubrication and drag-reduction properties
- Good shale control capabilities
- Compatible with a wide range of water-based drilling fluid systems

Technical Indicators

Item	Specifications
Product Name	Specifications
Appearance	Dark brown powder granules
Product Type	Water-based drilling fluid lubricant
Temperature Resistance	120°C–180°C
Water Solubility	Easily dispersible in water
Recommended Dosage	The typical dosage is 6–22 kg/m ³ .

