

KINGXIANG® ONE Compound Multifunctional Emulsifier

Product Description

KINGXIANG® ONE is a basic, multifunctional composite emulsifier. As a one-bucket emulsifier used in conventional oil-based drilling fluid systems, KINGXIANG® ONE provides stable oil-in-water emulsification and wetting properties and is typically used in unconventional reservoirs such as tight oil and tight gas. KINGXIANG® ONE has a broad range of contamination tolerance and can withstand interference from cementing, cuttings, and water intrusion. KINGXIANG® ONE requires lime activation for use. Compared to products where the primary and secondary emulsifiers are supplied separately, KINGXIANG® ONE requires a lower dosage.

Applications/Features

- One-bucket multifunctional emulsifier product
- Wets solid-phase particles
- Maintains good rheological properties in the system
- Improves the stability of oil-in-water emulsions
- Enhances solid-phase wetting performance
- Suitable for a variety of complex drilling environments

Technical Indicators

- Appearance: Dark brown liquid
- Flash point: >93°C
- Specific gravity: 0.91–0.94
- Pour point: <–10°C
- Typical dosage: 23–35 kg/m³
- Thermal stability exceeds 180°C

