

KINGXIANG® S Secondary Auxiliary Emulsifier

Product Description

When used in combination with KINGXIANG® P (the primary emulsifier), KINGXIANG® S (the secondary emulsifier) provides optimal thermal stability and reduced filtrate loss, making it ideal for shale gas and tight oil plays. KINGXIANG® S consists primarily of modified tall oil derivatives and is used as a secondary emulsifier in conventional oil-based drilling fluid systems to provide stable oil-in-water emulsification and wetting properties.

Applications/Features

- Serves to wet solid-phase particles.
- Maintains good rheological properties in the system.
- Improves the long-term stability of the emulsion and enhances oil-lubricating performance.
- Exhibits significant synergistic effects with the primary emulsifier.
- Suitable for high-density oil-based drilling fluids.
- Takes effect quickly and rapidly forms a stable emulsion.

Technical Indicators

- Appearance: Amber-colored liquid
- Flash point: >65°C
- Specific gravity: 0.93
- Pour point: <-10°C
- Typical dosage: 6–22 kg/m³
- 180 kg per drum

