



TEAMWORK ISN'T OPTIONAL. IT'S ESSENTIAL.

SABER THIN™

**High-Performance Modified Tannin
Rheology Modifier & Deflocculant**

PRODUCT DESCRIPTION

SABER THIN™ is a high-quality, modified tannin-based rheology control additive designed to provide effective viscosity reduction and fluid conditioning in water-based drilling fluid systems. The product acts as a natural polymer dispersant by controlling the interaction of reactive solids, reducing excessive viscosity, and improving overall mud stability.

The unique modified tannin chemistry provides rapid solubility across a broad temperature range and delivers effective performance at low treatment concentrations without requiring caustic soda activation. SABER THIN™ is designed to maintain rheological control in challenging drilling environments, including high-temperature applications where conventional thinners may lose effectiveness.

SABER THIN™ helps optimize drilling fluid properties by reducing undesirable flocculation, improving flow behavior, and maintaining consistent hydraulics. Its thermal stability and broad compatibility make it suitable for a variety of water-based drilling fluid systems.

TYPICAL TREATMENT RANGE

Treatment levels are dependent on fluid composition, solids loading, temperature, and desired rheological properties.

KEY BENEFITS

- Provides efficient rheology control and solids dispersion
- Reduces excessive viscosity caused by reactive solids and contamination
- Effective at low treatment concentrations
- Rapidly soluble across a wide temperature range
- Does not require caustic soda for activation
- Provides reliable performance in high-temperature drilling environments
- Compatible with a wide range of water-based drilling fluid systems

TYPICAL PROPERTIES

PROPERTY	TYPICAL VALUE
Appearance	Reddish-Brown Powder
pH (2% Aqueous Solution)	7 – 9
Density	1.5 g/cm ³
Moisture Content	<8%
Temperature Stability	>400°F



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