

DRILL FUSION

TECHNICAL DATA SHEET



CS OILFIELD

www.cs-oilfield.com

FEATURES

- Enhances rate of penetration (ROP) in challenging formations.
- Reduces the accretion on BHA and prevents bit balling during drilling operations.
- Provides lubrication as secondary purposes.
- Compatible with various brines and water-based systems.
- Non-toxic & environmentally friendly.

PHYSICAL PROPERTIES

Appearance	Liquid
Flash Point	>130 °C
Pour Point	max.-20 °C
Specific Density	892 kg/m ³
Kinematic Viscosity @40°C	ca. 6.5-11.5 mm ² /s (cSt)

DESCRIPTION

DRILL FUSION is a key component of "**AQUA FUSION**", CS OILFIELD cutting edge technology **HPWBM**.

DRILL FUSION is a high-performance **ROP** Enhancer and lubricant formulated to reduce bit balling, **BHA** accretion, torque and drag in water-based drilling fluids, enabling faster drilling and extended tool life.

RECOMMENDATIONS

The recommended treatment ranges from 1-2% v/v (3.5–7.0 lb/bbl) or adjust based on lithological properties. Could be pumped to the system as pill with higher concentrations up to 6%.

PACKAGING



STORAGE / HANDLING

Store in a cool, dry place away from direct sunlight. Handle as an industrial chemical, wearing protective equipment and observing the precautions as described on the Material Safety Data Sheet (MSDS).

SYSTEM

DRILL FUSION is a key component of "**AQUA FUSION**", the **HPWBM** proprietary system from CS OILFIELD, but can be used in most **WBM** Systems.

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