

TECHNICAL DATA SHEET

MET-LU

MET-LU is a low-fluorescence extreme pressure/anti-wear (EP/AW) lubricant. It is designed to reduce the friction coefficient of mud cake, improve the anti-wear performance of drilling fluid, prevent drill pipe sticking, improve wellbore wall stability and ensure downhole safety. MET-LU helps prevent excessive torque, reduce friction and wear between drilling tool, casing and wellbore wall. Its minimal impact on the formation makes it beneficial to mud logging and post-production operations, suitable for extended reach and horizontal wells.

Typical Characteristics

Parameter	Specification
Appearance	Blackish brown liquid
Specific gravity	0.94 – 1.05
Anti-wear properties (kg)	≥ 10

Application

- Suitable for freshwater, seawater and saltwater systems
- Used to reduce friction between wellbore and bottom hole assembly
- Particularly suitable as extreme pressure anti-wear agents for drilling tools under extremely high pressure
- Widely used in drilling operations, especially in deviated well and directional well operations

Packaging and Storage

MET-LU is packaged in 200 kg drum or 1000 kg drum.

Store in dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.

Recommended Handling

All personnel handling this material must handle it as an industrial chemical, wearing protective equipment and observing the precautions as described in the Safety Data Sheet (SDS).

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