

AES DRILLING FLUIDS

BENEFITS

- Graphite blend enhances filter cake quality and thickness, lowering overall fluid loss
- Aids in lost circulation control and wellbore strengthening
- Reduces torque and drag

APPLICATIONS

- Typically added at 10-20 lb/bbl for sweeps or maintaining 5-9 lb/bbl in the active system
- Performs in conjunction with fiber, asphalts, calcium carbonate, and SILVERSEAL
- Supplemental treatment recommended prior to logging and casing runs

PHYSICAL

PROPERTIES

- Particle Size Distribution (Typical, microns)

D ₁₀	5
D ₅₀	24
D ₉₀	93

- Appearance: Black powder
- Specific Gravity: 2.25

GXM[†]

GXM is a proprietary medium-sized graphite blend designed to provide superior borehole lubrication, lost circulation control, and fluid loss reduction in water and oil based drilling fluids



GXM lubricant and lost circulation additive

Treatment Recommendations

GXM is a medium sized graphite blend compatible with water and oil based drilling fluids that provides lubrication, fluid loss reduction, and lost circulation control.

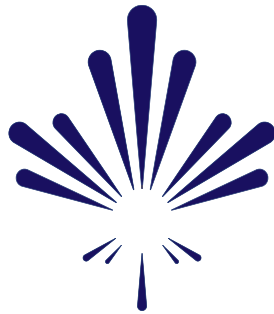
When used in sweeps, typical concentrations range from 10 to 20 lb/bbl. As part of the active system, concentrations range between 5 and 9 lb/bbl. Best performance is realized as part of a blend with fiber, asphalts, and/or calcium carbonate, or ideally, with SILVERSEAL[†].

GXM is well-suited to aid in logging and casing runs by pre-treating the well prior to the operation.

As with any lost circulation material, confirm that surface and downhole equipment will tolerate the distribution and concentration of particles present prior to use.

Packaging and Handling

GXM is available in 50 lb sacks. Handle GXM as an industrial chemical, wearing protective equipment and observing precautions as described in the Safety Data Sheet (SDS).



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