



**AES DRILLING FLUIDS**

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Revision 1.01

# GXM<sup>+</sup>

## MEDIUM-SIZED GRAPHITE BLEND

### 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

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

### PROPERTIES

- Appearance: Black Powder.
- Specific Gravity: 2.25

### TREATMENT RECOMMENDATIONS

GXM is a medium sized graphite blend compatible with water-based and invert emulsion drilling fluids. It aids to provide lubricity, 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 fibers, asphalts, and/or calcium carbonate, or ideally, with SILVERSEAL<sup>+</sup>. GXM aids 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.

Particle Size Distribution  
(typical, microns)

D <sub>10</sub>	5
D <sub>50</sub>	24
D <sub>90</sub>	93

### PACKAGING AND HANDLING

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



GXM lubricant and lost circulation additive

