

AES DRILLING FLUIDS

BENEFITS

- Enhances filter cake quality, lowering overall fluid loss
- Reduces torque and drag
- Designed for both water-based and invert emulsion systems

APPLICATIONS

- Typically added at 10 - 30 lb/bbl for sweeps or 5 - 9 lb/bbl maintained in the active system
- Performs in conjunction with fiber, asphalts, and calcium carbonate
- Supplemental treatment recommended prior to logging and casing runs

PHYSICAL PROPERTIES

- Particle size distribution (Typical, microns)

D ₁₀	3
D ₅₀	18
D ₉₀	110

- Appearance: Gray powder
- Specific Gravity: 2.1

SILVERSEAL[†]

SILVERSEAL is a proprietary blend of sized particles composed of pore bridging and sealing components developed to minimize fluid loss in permeable formations.



SILVERSEAL particle blend

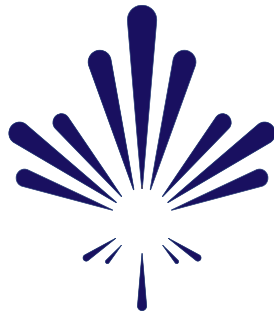
Treatment Recommendations

When used in sweeps, typical concentrations range from 10 to 30 lb/bbl. As part of the active system, concentrations range between 5 and 9 lb/bbl. Supplemental treatment prior to logging or casing runs enhances filter cake quality to lower torque and reduce differential sticking risk.

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

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



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