



AES DRILLING FLUIDS

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Revision 1.01

MACRO STRENGTH[†]

ENGINEERED HIGH FLUID LOSS SQUEEZE (HFLS)

BENEFITS

- Seals and strengthens the wellbore, covering fractures up to 5000 microns or greater.
- Higher compressive strength allows material to fill large voids and support formation.
- Single-sack product allows for easier mixing with no special equipment required.

APPLICATIONS

- Severe to total lost circulation scenarios.
- Recommended concentration of 75 lb/bbl of MACRO STRENGTH.
- Effective when mixed in water, oil, or brine base fluid.
- No reactive components - not dependent on time or temperature.

PROPERTIES

- Appearance: Dark tan powder
- Specific Gravity: 1.5 - 1.6

TREATMENT RECOMMENDATIONS

A recommended concentration of 75 lb/bbl of MACRO STRENGTH should be used to mix the squeeze pill volume can be used and adjusted depending on specific loss scenario.

MACRO STRENGTH is designed to remediate severe to total losses by squeezing the material into the loss zone. When properly placed, the liquid phase of MACRO STRENGTH squeezes from the slurry, leaving a solid plug behind. A specific, detailed squeeze procedure accompanies the product to insure the highest level of success.

As with any lost circulation material, confirm that surface and downhole equipment.

Particle Size Distribution
(typical, microns)

D ₁₀	25
D ₅₀	150
D ₉₀	1800

PACKAGING AND HANDLING

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



MACRO STRENGTH
High Fluid Loss
Squeeze Material
plugging a 5000 μ slot.

