

MACRO STRENGTH[†]



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



PHYSICAL PROPERTIES

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

MACRO STRENGTH is an engineered, high fluid loss squeeze (HFLS) material designed to solve lost circulation issues caused by both natural and drilling-induced fractures.



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

TREATMENT RECOMMENDATIONS

A recommended concentration of 75 lb/bbl of MACRO STRENGTH should be used to mix the squeeze pill. A standard 100 bbl 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 25 lb sacks. Handle MACRO STRENGTH as an industrial chemical, wearing protective equipment and observing precautions as described in the Safety Data Sheet (SDS).



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Revision 1.00

