



AES DRILLING FLUIDS

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Revision 1.01

CAL CARB MIX[†]

BLEND OF ACID-SOLUBLE CALCIUM CARBONATE

BENEFITS

- Medium-sized acid soluble sealing, bridging and weighting agent.
- Limits fluid invasion to control seepage losses and minimizes formation damage.

APPLICATIONS

- Water-based or invert emulsion drilling fluids, including completion and workover fluids.
- 4 - 10 lb/bbl (typical) for conventional background seepage treatment or.
- 10 - 35 lb/bbl (typical) for lost circulation pills, usually in combination with other additives.

PROPERTIES

- Appearance: White powder
- Specific Gravity: 2.7
- Calcium Carbonate: 95%
- Acid Solubility 98%

TREATMENT RECOMMENDATIONS

In most seepage loss scenarios, 4 - 10 lb/bbl is maintained throughout the system. For lost circulation pills, blends of 10 - 35 lb/bbl CAL CARB MIX with other LCM is effective. Drill-in fluids and workover/completion fluids may use higher concentrations. Lab testing can aid to determine the appropriate concentration.

Particle Size Distribution
(typical, microns)

D ₁₀	3
D ₅₀	15
D ₉₀	60

PACKAGING AND HANDLING

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



CAL CARB MIX lost
circulation additive



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