

ECM 1†



BENEFITS

Optimized blend of fine and medium-sized natural materials, fibers, and cellulose to treat a broad set of loss scenarios

Complements ECM 2 particle size distribution to minimize products on location



APPLICATIONS

5 - 10 lb/bbl of ECM 1 and ECM 2 for background treatments and seepage/partial loss control

15 - 30+ lb/bbl ECM 1 and ECM 2 for pill treatments

Performs in combination with other lost circulation materials



PHYSICAL PROPERTIES

- Appearance: Gray powder
- Specific Gravity: 1.51

ECM 1 is part of an optimized blend of fine and medium-sized natural materials, fibers, and cellulose to prevent and treat lost circulation.



ECM 1 provides the fine to medium components of the complementary ECM 1 and ECM 2 products

TREATMENT RECOMMENDATIONS

Treatment requirements will vary by loss scenarios. A combined 5 - 10 lb/bbl of ECM 1 and ECM 2 aid as a background treatment for loss prevention and to control seepage or partial losses.

As a lost circulation pill, apply 15 - 30+ lb/bbl of ECM 1 and ECM 2. Increase concentrations as needed. ECM 1 and ECM 2 can be combined with ENERLOC† to seal even larger fractures, if necessary.

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 ₁₀	11
D ₅₀	89
D ₉₀	277

PACKAGING AND HANDLING

ECM 1 is available in 40 lb sacks. Handle ECM 1 as an industrial chemical, wearing protective equipment and observing precautions as described in the Safety Data Sheet (SDS).



AES DRILLING FLUIDS

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