



Technical Data Sheet

DIASEAL M

Product Description

DIASEAL M LCM is a highly effective, high-solids, high-fluid-loss lost circulation squeeze material. A solid plug is formed in the thief formation when water or oil is squeezed from the slurry. Diaseal M LCM creates a seal in the loss zone, not in the wellbore like conventional LCM. The seal cannot be easily disrupted by circulation or drill pipe movement.

Applications: DIASEAL M is highly effective in both water-based and oil-based mud applications. Diaseal M[®] LCM may also be mixed with cement to gain a small amount of compressive strength, adding to the longevity of the squeeze. Make Diaseal M[®] LCM your first line of defense in solving lost circulation problems.

Treatments: Clean mixing tank at rig or liquid mud plant. Cement company pump truck may be needed for low-volume pump rates. When oil is used and weighted with barite, an oilwetting agent is needed to promote oil wetting and dispersion of barite. Otherwise, extremely high viscosity may develop. Generally, 0.5 ppb oil-wetting agent is plenty.

Open hole lost circulation squeeze when open hole volume is 50 bbls or less

Open hole lost circulation squeeze when open hole volume exceeds 50 bbls

Lost circulation squeeze through perforations

KEY BENEFITS

- **Very dependable easy solution**
- **Does not require bypassing solids equipment**
- **No risk of cementing up the drill pipe**

Key Properties

Color	Grey powder
Physical Form	Diatomaceous Earth
Sg	2.1
Packaging	40 lb Sacks