

DYNAFIBER™ (F,M,C)

LOST CIRCULATION MATERIAL



NEWPARK
DRILLING FLUIDS

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PRODUCT DESCRIPTION

DynaFiber™ lost circulation material (LCM) is a blend of micronized cellulosic fibers, compatible with water- or oil-based drilling fluids. This product is specially designed to seal permeable formations.

BENEFITS

- Cures seepage losses and helps remediate lost circulation problems
- Contains a wide range of graded particles that bridge within a fraction of an inch of the wellbore, thereby creating an efficient seal and eliminating the risks of being scraped or washed off the formation
- Minimizes differential sticking
- Passes through screening equipment effectively due to optimized size distribution
- Mixes easily through the hopper

APPLICATION

DynaFiber LCM is compatible with all water- and oil-based drilling fluids. The product is stable for high-temperature applications and is biodegradable and non-toxic.

TREATMENT RECOMMENDATION

DynaFiber Fine

While drilling, the recommended application is 4-8 lb/bbl. In sweeps, use 15-30 lb/bbl in 25-50 bbl of volume.

DynaFiber Coarse

Most effectively used as a pill; 20-40 lb/bbl, along with an equal concentration of DynaFiber fine grade.

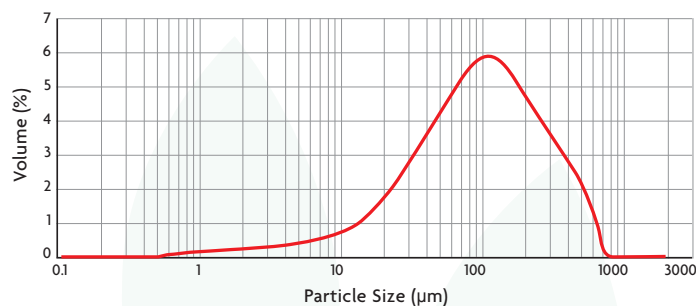
DynaFiber materials should be mixed thoroughly into the drilling fluid or with water, then spotted or swept through the loss zone.

NOTE: The most important aspect of combating lost circulation is particle size distribution. Consequently, it is recommended that a combination of materials be added to ensure a good particle size distribution (PSD).

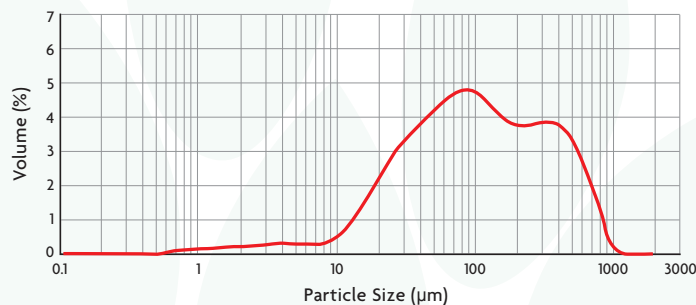
PARTICLE SIZE DISTRIBUTION

	Fine	Medium	Coarse
Retained on 10 Mesh	0%	1%	46%
Retained on 20 Mesh	1%	46%	6%
Retained on 40 Mesh	58%	29%	13%
Retained on 80 Mesh	35%	18%	26%
Passing 80 Mesh	6%	6%	9%

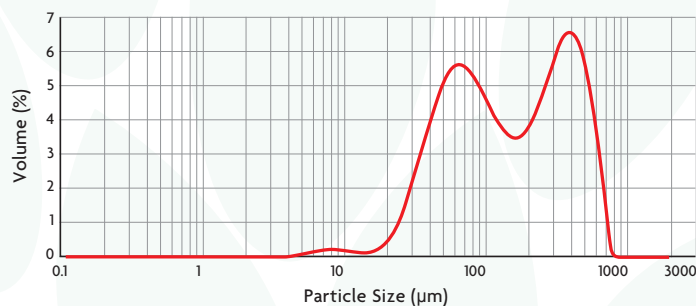
Fine



Medium



Coarse



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TYPICAL PHYSICAL PROPERTIES

Appearance.....Brown, granular material
Specific Gravity..... 1.50-1.65
Water Solubility..... Very slightly soluble

HANDLING AND STORAGE

Minimize exposure to dust. Store in a cool, dry, well-ventilated area away from ignition sources and strong oxidizing agents. Use appropriate hygiene, clothing and personal protective equipment suitable for work being done. Review the SDS thoroughly before using this product.

PACKAGING

DynaFiber LCM is available in 25-pound (11.3-kilogram) multi-walled bags.

