

NEWPLUG™ (F,M,C)

LOST CIRCULATION MATERIAL


NEWPARK
 DRILLING FLUIDS

www.newparkdf.com

PRODUCT DESCRIPTION

NewPlug™ lost circulation material (LCM) is comprised of groundnut hulls screened to provide an optimum particle size for all degrees of lost circulation. Fine, medium and coarse grades are available.

BENEFITS

NewPlug LCM is a high-strength material and therefore is not affected by pressures. It is virtually non-absorbent and retains its rigid, roughly spherical particle shape in any fluid system.

APPLICATION

NewPlug LCM is used in any drilling fluid, regardless of base fluid. Fine grade is often carried in the system at concentrations of 2-20 lb/bbl and is used for seepage losses. Medium grade is used in combination with fibers and flakes for total or partial losses. Coarse grade is used in combination with fibers and flakes for total losses.

TREATMENT RECOMMENDATION

NewPlug LCM can be mixed through the hopper or added directly to the pits and mixed into the drilling fluid with the mud guns.

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%	0%	25%
Retained on 20 Mesh	12%	92%	70%
Retained on 40 Mesh	67%	6%	3%
Retained on 80 Mesh	20%	1%	1%
Passing 80 Mesh	1%	1%	1%

TYPICAL PHYSICAL PROPERTIES

Appearance.....Brown, granular material

HANDLING AND STORAGE

Minimize exposure to dust. Use appropriate hygiene, clothing and personal protective equipment suitable for work being done. Review the SDS thoroughly before using this product.

PACKAGING

NewPlug LCM is available in 50-pound (22.7-kilogram) multi-walled bags.