



**SUBJECT:** Lost Circulation Material (LCM) with a Drilex Power Section

**CHANGE / DESCRIPTION / REASON:** This bulletin documents the use of LCM when operating a Drilex power section.

**OPERATION / INSTRUCTIONS:** LCM is acceptable for use with a Drilex power section as long as the following considerations are observed:

- The amount of LCM should be kept to a minimum.
- A heavy “slug” or “pill” of natural (fibrous) material LCM should never be pumped through a power section as it can plug the stator and terminate operation.
- Abrasives in LCM should be kept to a minimum to avoid abrasion to the power section components resulting in reduced performance.
- Sand content should be kept to a minimum of 1%. High sand content could lead to fluid cutting of the power section and other components.
- LCM should be added to the drilling fluid slowly, not to exceed 25 lbs. per barrel.
- No more than 10 lbs. per barrel of fibrous LCM should be pumped through the power section.
- No more than 25 lbs. per barrel of non-fibrous LCM (such as synthetic polymers) should be pumped through the power section.

**CONCLUSION:** Drilex power sections have consistently performed beyond customer expectations. Every effort is made by Drilex to quantify every component in our products for each application in order to provide equipment that meets or exceeds customer requirements. All inquiries should be directed to:

Drilex International  
16626 FM 2920 Rd.  
Tomball, TX 77377  
Attn: Technical Services  
832-698-7700  
[www.drilexpower.com](http://www.drilexpower.com)