Product Description
LCF Blend is a proprietary blend of naturally occurring cellulosic material with high concentrations of lignin within the fiber. It is ground and screened to provide an optimum particle size for all types of lost circulation, including seepage and more severe losses.

Typical Properties
<table>
<thead>
<tr>
<th>Composition</th>
<th>Lignin Cellulose Fiber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity</td>
<td>1.2</td>
</tr>
<tr>
<td>Color</td>
<td>Tan to Dark Brown</td>
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<tr>
<td>Bulk Density</td>
<td>18 – 24 lbs/ft³</td>
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</tbody>
</table>

Application
LCF Blend is compatible with all types of water, synthetic and oil based muds. The screen size ranges from 16 to minus 325 mesh. It is excellent when added to the entire systems or can be used in pills and sweeps. It also performs well as a pretreatment for known loss zones.

Advantages
Can be mixed through the hopper
Will not rope
Will not plug bits
40% acid soluble
Very clean with no dirt and minimal moisture
Slow degradation due to high lignin content
One sack treatment

Recommended Treatment
Pretreatment using 1 -2 lb/bbl of LCF Blend is an excellent procedure when drilling loss or seepage zones. For more severe losses 5–10 lb/bbl are required.

Packaging
LCF Blend is packaged in 25 lb (11.3 kg) multi-walled paper bags. Each pallet contains 66 bags and is shrink-wrapped.