



# FUSE-IT® EU

## Synthetic Polymer Lost Circulation Material

<b>Description</b>	FUSE-IT® EU Lost Circulation Material is a fast-acting, synthetic polymer-based lost circulation material designed to help seal off even the most severe loss zones in as little as 30 minutes allowing the operator to return to normal drilling activities. FUSE-IT EU Lost Circulation Material also has significant lubricating and slurry stabilizing qualities which increases its versatility and range of application.						
<b>Applications/ Functions</b>	<ul style="list-style-type: none"><li>• Lost circulation material for vertical and horizontal drilling applications</li><li>• Suitable for addressing severe losses including fractured and vugular formations</li><li>• Effective LCM for sand, gravel and cobble environments</li><li>• Can stabilize unconsolidated formations</li><li>• Enhances lubrication slurries for pipe jacking operations</li></ul>						
<b>Advantages</b>	<ul style="list-style-type: none"><li>• Rapid reaction upon contact with water</li><li>• Enables quick response to loss of circulation</li><li>• Non-fermenting</li><li>• Temperature tolerant</li><li>• Compatible with other Baroid products</li></ul>						
<b>Typical Properties</b>	<table><tr><td>• Appearance</td><td>Milky white liquid</td></tr><tr><td>• Specific gravity</td><td>1.0 - 1.2</td></tr><tr><td>• pH</td><td>5.0 - 7.5</td></tr></table>	• Appearance	Milky white liquid	• Specific gravity	1.0 - 1.2	• pH	5.0 - 7.5
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<b>Recommended Treatment</b>	<p><b>As a slug treatment for loss of circulation:</b></p> <ul style="list-style-type: none"><li>• Add 20-40 liters (5-10 gallons) of vegetable oil directly into drillstring to pre-coat metal surfaces of drillstring</li><li>• Follow immediately into drillstring with 1-2 buckets of FUSE-IT EU Lost Circulation Material.</li><li>• Follow addition of FUSE-IT EU Lost Circulation Material with 20-40 liters (5-10 gallons) of vegetable oil and displace. Following displacement allow 30-60 minutes for hydration prior to attempting to regain circulation</li></ul> <p><b>As a pill treatment for loss of circulation:</b></p> <ul style="list-style-type: none"><li>• Add FUSE-IT EU Lost Circulation Material to drilling fluid at a concentration of 0.2-0.5 % by volume (2-5 liters/m<sup>3</sup> or 0.8-2 qts/100 gallons) and displace mixture immediately into zone of interest.</li></ul> <p><b>As an additive for lubrication slurries:</b></p> <ul style="list-style-type: none"><li>• Add FUSE-IT EU Lost Circulation Material to existing lubrication slurry at a concentration of 0.03125 – 0.0625 % (1/32-1/16 of a percent) by volume to enhance lubricity and long term slurry stability in the overcut.</li><li>• Note: The above are generalized concentration ranges of FUSE-IT EU Lost Circulation Material to be added to water-based drilling fluids. The ultimate usage concentration will be based on local geology, application and mixing efficiency. For further information or assistance please contact your local Baroid IDP representative.</li></ul>						
<b>Packaging</b>	FUSE-IT EU Lost Circulation Material is packaged in 25 kg (55 lb) plastic containers.						
<b>Availability</b>	FUSE-IT EU Lost Circulation Material is a regionally sourced product and may not be available through all Baroid Industrial Drilling Products Retailers. To locate the appropriate Baroid IDP retailer nearest you contact CEBO Holland.						

**CEBO Holland, BV**  
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