



# FUSE-IT®

## Synthetic Polymer Lost Circulation Material

**Description** FUSE-IT® 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.

**Applications/ Functions**

- Lost circulation material for vertical and horizontal drilling applications
- Suitable for addressing fractured and vugular formations
- Effective LCM for sand, gravel and cobble environments
- Can stabilize unconsolidated formations

**Advantages**

- Rapid reaction upon contact with water
- Enables quick response to loss of circulation
- Easy to use
- Non-fermenting
- Temperature tolerant
- Compatible with other Baroid products

**Typical Properties**

• Appearance	Milky white liquid
• Specific gravity	1.25
• Flash Point, °F, (°C)	>212°F, (>100°C)

**Recommended Treatment**

**As a slug treatment:**

- Add 5-10 gallons (20-40 liters) of vegetable oil directly into drillstring to pre-coat metal surfaces of drillstring
- Follow immediately into drillstring with 1-2 buckets of FUSE-IT
- Follow addition of FUSE-IT lost circulation material with 5-10 gallons (20-40 liters) of vegetable oil and displace. Following displacement allow 30-60 minutes for hydration prior to attempt to regain circulation

**As a pill:**

- Add FUSE-IT lost circulation material to drilling fluid at a concentration of 0.5-1.0 % by volume (2-4 qts/100 gallons or 5-10 liters/m<sup>3</sup>) and displace mixture immediately into zone of interest.

**Packaging** FUSE-IT lost circulation material is packaged in 5-gallon (18.9 L) plastic containers.

**Availability** FUSE-IT lost circulation material can be purchased through any Baroid Industrial Drilling Products Retailer. To locate the Baroid IDP retailer nearest you contact the Customer Service Department in Houston or your area IDP Sales Representative.

**Baroid Industrial Drilling Products**  
**Product Service Line, Halliburton**  
3000 N. Sam Houston Pkwy E.  
Houston, TX 77032

<b>Customer Service</b>	(800) 735-6075 Toll Free	(281) 871-4612
<b>Technical Service</b>	(877) 379-7412 Toll Free	(281) 871-4613