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PhenoFlake

Lost Circulation Additive

WelDril Products is renowned in the oil field for its commitment to providing outstanding products and services to its customers. In keeping with that commitment, WelDril manufactures the popular lost circulation material, **PhenoFlake**.

PhenoFlake is a chemically stable, ground phenolic resin laminate whose composition is widely known as a drilling fluids and cement additive. **PhenoFlake** is available in Fine, Medium, and Coarse.

Packaging:

- 40# bag (50/pallet)
- IBC (2,500# typical)

Recommended Uses:

- Lost circulation material

Typical Physical Analysis

| Mesh Size | % Retained |
|-----------|------------|
| 4 | 0 |
| 10 | 28 - 40 |
| 14 | 14 - 22 |
| 20 | 14 - 20 |
| 80 | 15 - 25 |
| Pan | 1 - 4 |

Other LCM Products from WelDril:

Kol-Seal[®]

Lost Circulation / Extender

Kol-Seal[®] Fine

Lost Circulation / Extender

Kol-Seal[®] MG

Seepage Loss

Pol-E-Flake[®]

Lost Circulation

SuprSeal[®]

Severe Lost Circulation Squeeze

WelFiber

Lost Circulation / Cement Strengthening

Performance Benefits:

- Useful in both cement and drilling fluids
- Industry proven effectiveness over nutshell, mica, fibers, & blends thereof
- Compatible with oil, water, and synthetic-based drilling fluids
- 500° F thermal stability
- Chemically inert
- Reduces bit-balling
- Aids in pipe and casing sliding

Cost Benefits:

- Competitive pricing
- Available in pallet quantities or mixed truckloads

Customer Service Benefits:

- Exemplary service
- Most orders ready for shipment in 24-48 hours

Available Product Information:

- Product description & recommended use
- Safety Data Sheet

Physical Properties:

- Appearance: Various colored rigid flakes
- Absolute Density: 76 lb./ft³
- Specific Gravity: 1.3
- Temperature Stability: Up to 500° F
- Soluble in acid