



## RESIFLEX®

### THE NEW NAME IN LOST CIRCULATION MANAGEMENT & WELLBORE STRENGTHENING

**ResiFlex®** is a high-quality graphitic material with outstanding resiliency properties. The granular synthetic carbon material is designed to address wellbore integrity issues particularly when drilling through weak formations with low fracture gradients.

Engineered properties such as angular shape, +sizing and durability, make **ResiFlex®** an excellent pre-treatment to improve stress cage quality. With compressibility and rebound characteristics ranging from 96% to 99%, depending on the initial particle size, **ResiFlex®** increases wellbore stability by squeezing into pore throats and microfractures.

**ResiFlex®** is chemically inert and acts as a mechanical lubricant to reduce torque and drag, providing easier sliding. It also improves ROP in extended reach wells.

In depleted zones, **ResiFlex®** provides excellent sealing and bridging properties to help prevent differential sticking.

#### Advantages:

- ◆ **Compatible in all drilling fluids.**
- ◆ **Mixes quickly through mud hopper.**
- ◆ No effect on system fluid properties.
- ◆ Will not plug MWD or Mud Motors when mixed as recommended.
- ◆ No effect on **LC50** value of active fluid system.

#### Packaging:

- ◆ 50 pound / 22.68 kg sacks
- ◆ 50 sacks / pallet

#### Physical Properties

- ◆ Specific Gravity: 1.85-2.05
- ◆ Appearance: Black angular solid particles
- ◆ Insoluble in any drilling fluid

#### Sizing

- ◆ Ultra Fine: D50 - 37µ
- ◆ Fine: D50 - 150µ
- ◆ Medium: D50 - 300µ

#### Application

- ◆ 5-15 lbs/bbl – 10-40 kg/m<sup>3</sup>  
Normal/preventative
- ◆ 10-20 lbs/bbl – 25-60 kg/m<sup>3</sup>  
Pretreatment for problem zones
- ◆ 30-40 lbs/bbl – 85-115 kg/m<sup>3</sup>  
Severe/Total losses