

# SX-PLUS™ FINE

A SMALLER SOLID SOLUTION FOR FLUID LOSS AT HIGH OR LOW TEMPERATURES

**SX-PLUS™ FINE** provides a thermally stable fluid loss additive for high or low temperature wells. Based on extensive lab tests and field applications, it is known that a specific particle size will seal the face of porous sands and other formations helping reduce the differential pressure transfer. **SX-PLUS™ FINE** graphitic particles are sized to effectively reduce fluid loss.

**SX-PLUS™ FINE** has a very high melting point unlike resins or gilsonite based products. This carbon-based material has been treated at temperatures over 600°F (315°C) providing excellent thermal stability downhole.

## Uses

- ◆ Enhances fluid loss reduction
- ◆ Enhances shale inhibition
- ◆ Excellent sealing characteristics
- ◆ Controls seepage loss in weighted systems
- ◆ Wall cake conditioner
- ◆ Minimizes differential pressure sticking
- ◆ Decreases friction and wear

## Advantages

- ◆ Compatible with other drilling fluid additives
- ◆ Minimizes damage to production zones
- ◆ Broad range particle size distribution
- ◆ Non-polluting – non-sheening
- ◆ Does not alter mud rheological properties
- ◆ Does not foam
- ◆ Greatly improves lubricity of fluid
- ◆ Meets LC<sub>50</sub> guidelines
- ◆ Mixes easily on location

## Physical Properties

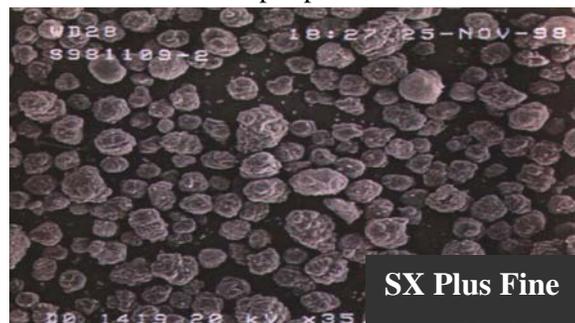
- ◆ Specific gravity: 1.5
- ◆ Color: Black/Gray
- ◆ Appearance: Free flowing graphitic particle
- ◆ Flash point: >350°F (>177°C)
- ◆ Melting point: >500°F (>260°C)
- ◆ Solubility: Negligible in water or oil
- ◆ Sizing: 100% through 40 mesh  
80% through 200 mesh

## Recommended Treatment

- ◆ Preventive maintenance or moderate loss: 4 to 5 ppb  
(11.41 Kg/m<sup>3</sup> to 14.27 Kg/m<sup>3</sup>)
- ◆ Excessive or abnormal loss: 6 to 8 ppb  
(17.12 Kg/m<sup>3</sup> to 22.82 Kg/m<sup>3</sup>)
- ◆ Adjust treatment to conditions or pilot test

## Packaging

- ◆ **SX-PLUS™ FINE** is available in  
50-pound bags (22.6 Kg)  
50 sacks per pallet



*Sun ... The HOLE Solution Company!*

**1-800-962-6490**

[www.sundrilling.com](http://www.sundrilling.com)