

SUN's SX-PLUS®

A SOLID SOLUTION FOR FLUID LOSS AT HIGH OR LOW TEMPERATURES



SX-PLUS® 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® graphitic particles with a PSD ranging from 40 mesh to >200 mesh (425 to >75 microns) are classified in that specific size range to effectively reduce fluid loss.

SX-PLUS® 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 down hole.

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
- ◆ LC₅₀ >1,000,000
- ◆ No affect to mud toxicity value
- ◆ Mixes easily on location

Packaging

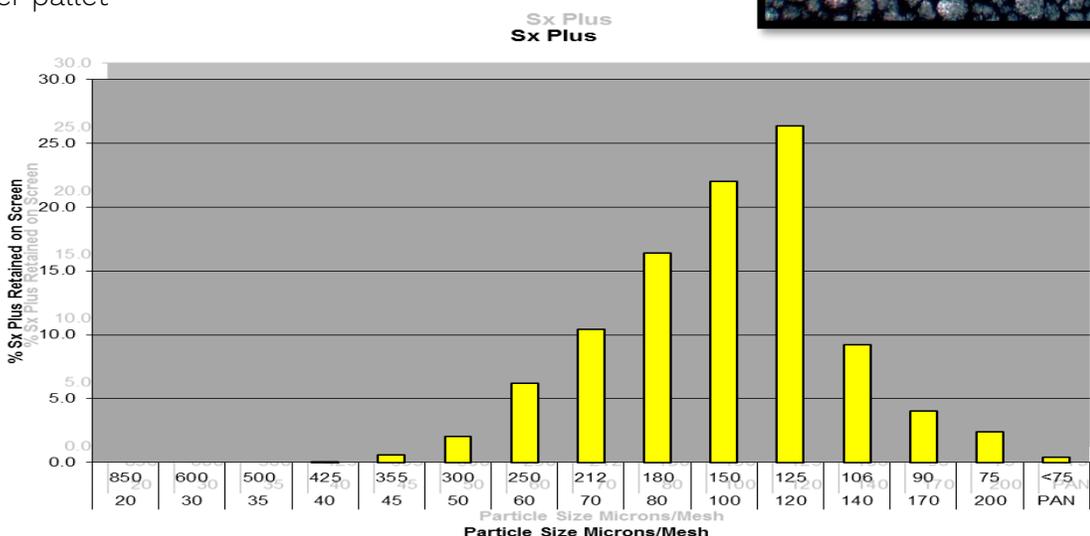
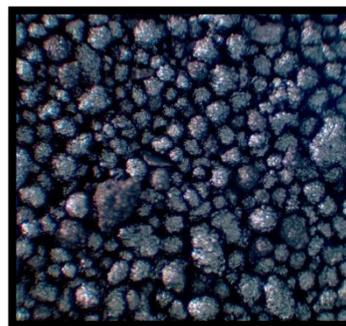
- ◆ SX-PLUS® is available in 50-pound bags (22.6 Kg)
50 sacks per pallet

Physical Properties

- ◆ Specific gravity: 1.5
- ◆ Color: Black/Gray
- ◆ Appearance: Free flowing graphitic particles
- ◆ Flash point: >350°F (>177°C)
- ◆ Melting point: >500°F >260°C
- ◆ Solubility: Negligible in water or oil base muds

Application

- ◆ Preventive maintenance or moderate loss: 4 to 5 ppb (11.41 Kg/m³ to 14.27 Kg/m³)
- ◆ Excessive or abnormal loss: 6 to 8 ppb (17.12 Kg/lm³ to 22.82 Kg/m³)
- ◆ Adjust treatment to conditions or pilot test



Enhancing Your Value Horizons

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