

# GRAPHITE POWDER

Pure Carbon

## TORQUE REDUCER

**Graphite Powder** has a greasy feel and a very low coefficient of friction. Chemically, **Graphite Powder** is the pure form of carbon.

**Graphite Powder** is used as a torque reducer in directional or crooked holes when a water-based mud system is being used. Torque reduction does not become significant until a concentration of 3.0 kg/m<sup>3</sup> is exceeded. The optimum concentration is in the range of 6.0-7.0 kg/m<sup>3</sup>.

## PHYSICAL PROPERTIES:

Appearance: Black-grey powder

Specific Gravity: 2.25

Moisture Content: 0.5%

## CHEMICAL PROPERTIES:

Type: Carbon

Solubility: Negligible

Microtox: 75% @ {6.0 kg/m<sup>3</sup>}

## MIXING & HANDLING

**Graphite Powder** is added to the mud system through the mud-mixing hopper. Because it is extremely fine, it is recommended that a dust mask and goggles be worn while the graphite is being mixed.

**Note:** **Graphite Powder** will have the same effect as ball bearings on any hard surface. Post warning signs if spilled and sweep up immediately.

**WHMIS:** Not controlled

**TDG:** Not regulated

**Packaging:** 50lb sack

