

Drilling Fluids - Sand Drill

Sand Drill



Product Number: 9410043

Applications

Sand Drill is used when drilling in unconsolidated sand and silt. Sand Drill consolidates loose formations allowing for efficient installation of casing. It is also effective at increasing core recovery by reducing the opportunity for caving sand and silt and wash out. Sand Drill may be used at 1 – 2 lb/bbl (3-6 kg/m³) depending on hole diameter and severity of caving sand and silt.

Advantages

- Unique polymer blend designed to quickly hydrate and consolidate troublesome geology
- Effective when encountering clay seams by encapsulating drilled cuttings and reducing swelling/sticking of formation clays
- Enhances the removal of drill solids
- Maintains hole stability while drilling to install surface casing

Sand Drill is a specialty blend of synthetic polymers specifically designed for drilling through unconsolidated sand and silt. It also provides cuttings encapsulation and shale stabilization. Sand Drill acts as a viscosifier, friction reducer and fluid loss control additive.

Method of Addition

Sand Drill should be added slowly at the hopper or mixing tank and allowed to hydrate for 10 – 15 minutes.

Typical Physical Properties

Physical appearance	white to off-white powder
Specific gravity	1.4 – 1.6
pH (3% solution)	6.5 – 7.5

Packaging and Storage

Sand Drill is supplied in 5 gal/18.9 L pails.

