

SAND-STAR



SAND-STAR 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-STAR acts as a viscosifier, friction reducer and fluid loss control additive in fresh and saltwater.

Application

SAND-STAR is used when drilling in unconsolidated sand and silt. SAND-STAR consolidates loose formations allowing for efficient installation of casing. SAND-STAR increases core recovery by reducing the opportunity for caving sand and silt and wash out.

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
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Typical Usages

Typical Amounts of SAND-STAR Added to freshwater		
Drilling Application	lb/bbl	kg/m ³
For caving sand and silt, depending on hole diameter and severity	1 - 2	3 - 6

Properties

Physical Appearance	White powder
Specific Gravity	1.5 - 1.6
pH (3% solution)	6.5 - 7.5

Packaging

SAND-STAR is supplied as 30-lb (13.5 kg) packaged in 5 gallon (18.9L) buckets