

AMC SAND FIX™

Specialty Products & Chemicals



Description

SAND FIX™ is a multifunctional product designed to provide hole stability and fluid loss control when drilling highly porous formations such as loose sands, cobbles and gravels. It promotes formation stabilisation and maximises core recovery in formations prone to shifting and collapse.

Application

SAND FIX™ has been developed as an alternative to using bentonite or where bentonite-based products are prohibited for use. SAND FIX™ enters the pore spaces of sands and gravels to quickly form a thick gel-like barrier which binds and supports the unconsolidated formation to support the borehole.

SAND FIX™ has a reasonable tolerance to saline environments however salt will affect its yield time. Hardness should be maintained below 400 mg / L, using SODA ASH if required, to maximise its effectiveness.

Recommended Treatment

SAND FIX™ is typically applied at concentrations of 1 – 3 kg / m³.

Please Note: Several factors will dictate the most appropriate concentration rate. Please contact your nearest AMC representative for optimum results.

Advantages

- Improves drilling rates in highly porous formations
- Controls fluid loss
- Improves hole stability in sands, cobbles and gravels
- Compatible with most water-based drilling additives
- Environmentally acceptable.

Typical Physical Properties

Appearance:	White, free flowing granular powder
pH (0.5% solution):	7 – 8.5
Solubility:	Swells rapidly on contact

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