

# AMC SAND FIX™

## SPECIALTY PRODUCTS & CHEMICALS



### Description

AMC SAND FIX™ is designed to support hole stability and minimise associated problems when drilling loose sands, cobbles and gravels and promotes bore hole stability in formations prone to shifting and collapse.

### Application

AMC SAND FIX™ is a versatile product for use in all drilling applications. AMC SAND FIX™ has been developed as an alternative to using bentonite or where bentonite based products are prohibited for use. AMC SAND FIX™ enters the pores of sands and gravels to quickly form a thick 'gel-like' barrier which binds and supports the unconsolidated formation to support the borehole. AMC SAND FIX™ properties are greatly enhanced when blended with select vegetable based oils and lubricants. AMC SAND FIX™ has a reasonable tolerance to saline environments however hardness should be below 400 mg / L, using SODA ASH if required, to maximise its effectiveness.

### Typical Physical Properties

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

### Recommended Treatment

AMC SAND FIX™ is added at concentrations of 2.0 – 4.0 kg / m<sup>3</sup> (0.7 – 1.5 l b / bbl) and allowed to mix until consistent before pumping through the hole.

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

### Advantages

- Readily disperses in low-shear environments
- Improves drilling rates
- Controls fluid loss
- Improves hole stability in sands, cobbles and gravels
- Compatible with most water-based drilling additives.

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