PRODUCT DATA SHEET

AMC GEL™

VISCOSIFIERS

Description

AMC GEL™ is a modified, high quality grade bentonite formulated to ensure a high quality bentonite mud can be mixed with ease. AMC GEL™ provides viscosity and gelling to most water based fluids while also contributing to fluid loss control.

Application

AMC GEL™ is recommended for building a mud system with excellent hole cleaning properties and filtration control in fresh to brackish water. Typical concentrations for AMC GEL™ range from 15 to 60 kg / m³ (5 to 21 lb / bbl). Like all bentonite products the yield of AMC GEL™ decreases as water salinity increases. If chlorides are in excess of 8,000 mg / L the performance of AMC GEL™ will be significantly reduced. To avoid a reduction in performance, prehydrate in fresh water, where possible, before adding into the fluid system.

Typical Physical Properties

Appearance:	Light grey to brown powder
Solubility:	Insoluble in water
Specific gravity:	2.4 – 2.6

Recommended Treatment

APPLICATION	KG / M³	LB / BBL
Normal	15 – 30	5 – 10.5
Unconsolidated, caving formations	35 – 45	12 – 16
Lost circulation	40 – 60	14 – 21

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

Advantages

- Helps improve the hole-cleaning capacity of drilling fluids
- Provides good fluid loss control and a thin, compressible filter cake in the wellbore
- Promotes hole stability in poorly consolidated formations
- Mixes easily
- Economical.

ASIA PACIFIC

Perth, Australia (Head Office)
T +61 8 9445 4000
E amc@imdexlimited.com

Indonesia
T +62 (0) 21 759 11244

AFRICA

South Africa
T +27 (11) 908 5595

EUROPE

Germany
T +49 4402 6950-0

United Kingdom
T +44 (0) 1273 405 975

SOUTH AMERICA

Argentina
T +54 (9) 261 426 1116

Brazil
T +55 (47) 3404 5920

Chile
T +56 (2) 2589 9300

Peru
T + 51 (1) 322 8850

NORTH AMERICA

USA / Canada
T +801-364-0233

Mexico
T +52 (871) 169 2095