PRODUCT DATA SHEET

AMC GEL XTRA™

VISCOSIFIERS

Description

AMC GEL XTRA™ is a modified premium grade Wyoming sodium bentonite formulated to ensure ease of mixing with superior mud making qualities in fresh water. AMC GEL XTRA™ is designed for use in mineral exploration, water well and directional drilling operations.

Application

AMC GEL XTRA™ is recommended as an 'ultra' high yielding viscosifier for building a mud system with excellent hole cleaning properties and low filtrate values in fresh to brackish water. The product makes an economical drilling fluid which has specific application in water wells with permeable sections or poorly consolidated caving formations.

Typical Physical Properties

Appearance:	Grey to tan powder
Moisture:	8 – 10%
Specific gravity:	2.45 – 2.55
pH (4% solution):	9.0 – 10.0

Recommended Treatment

APPLICATION	KG / M³	LB / BBL
Normal drilling conditions	15 – 30	5 – 10.5
Unconsolidated formations	35 – 45	12 – 16
Lost circulation and caving formations	40 – 60	14 – 21
Make-up for stiff foam systems	15 – 30	5 – 10.5

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

Advantages

- Yields rapidly in fresh water to give ultra high viscosity
- Economical
- Enhances fluid loss characteristics
- Assist in bore hole stabilisation
- Helps eliminate loss circulation conditions
- Environmentally acceptable
- NSF/ANSI Standard 60 endorsed has been registered with the USA National Sanitation Foundation (NSF) for use in potable water well construction.

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