

# AMC DET XTRA™

## FOAMING AGENTS & DETERGENTS



### Description

AMC DET XTRA™ is a concentrated blend of surfactants which are highly effective at coating metal surfaces. AMC DET XTRA™ is designed to reduce the surface tension in water based fluids and reduce the tendency of clays to stick to metal surfaces including the drill string.

### Application

AMC DET XTRA™ is used to combat sticking tendency when drilling sensitive clays and shale that impedes penetration rates and causes bit balling and collaring. AMC DET XTRA™ reduces the surface tension of water based drilling fluids promoting better cuttings settlement on surface. AMC DET XTRA™ is easily mixed into water at low to moderate concentrations and is compatible with most other additives.

### Typical Physical Properties

Appearance:	Blue viscous liquid
pH:	7.5 – 8.5
Solubility in water:	Soluble
Specific gravity:	1.00 – 1.05

### Recommended Treatment

AMC DET XTRA™ is mixed easily into water or can be added into the drill pipe neat. High concentrations and excessive agitation may cause foaming that may require the use of a defoamer. AMC DET XTRA™ is effective in most water based fluids including fresh, brackish and sea water.

APPLICATION	KG / M <sup>3</sup>	LB / BBL
Promote cuttings settlement	2 – 5	0.7 – 1.75
Reduce stickiness of clays	3 – 10	1.0 – 3.5
Assist in water well development	1 – 2	0.35 – 0.7

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

### Advantages

- Effective in low concentrations
- Can be added directly to the drilling fluid
- Prevents bit balling, improving penetration rates in clays and shale
- Promotes solid settlement
- Environmentally acceptable.

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