



X DET 202

Drilling Detergent

DESCRIPTION

X DET 202 drilling detergent is a liquid blend of specialty surfactants and designed to reduce the surface tension of water base mud systems and reduce the sticking tendency of reactive shale and clays.

APPLICATIONS

X DET 202 reduces torque and drag and is used primarily in surface and intermediate sections during drilling to minimize bit and BHA balling and mud rings. X DET 202 is effective in all water base systems including freshwater, brackish water, seawater and saturated saltwater fluids.

ADVANTAGES

- Minimizes bit and BHA balling and mud rings
- Improves water- solids and reduces the sticking tendencies of reactive shale cuttings
- Functions as an emulsifier, reducing the viscosity of oil contaminated muds
- Biodegradable and non-toxic
- Effective in fresh and poor quality water

TYPICAL PROPERTIES

Physical Appearance	Red liquid
pH(1% solution)	6.0 – 8.0
Solubility	100%

USAGE

Clay	1-3lts per 1000lt
Sticky Clay	2-5lts per 1000lt
Reduce surface tension	1-2lts per 1000lt