PROPAC D

Control fluid loss and enhance filter cakes

DECREASE TORQUE AND DRAG

Earth Pro ProPAC D is a 100% active dry natural-based polymer that is used to control fluid loss and enhance filter cakes. It can also be used as a high shear rate viscosity modifier or lubricant.

Common usage of ProPAC D is in Horizontal Directional Drilling, Mineral Exploration and large-bore infrastructure drilling.

It is best suited for jobs where a high active percentage of product is required (fly jobs, barge jobs, underground and where systems are running solids control equipment including shakers.

FEATURES & BENEFITS

- Lowers fluid loss.
- Promotes a very thin slick filter cake.
- Minimizes screen blinding due to short polymer length in comparison to synthetics.
- Deep hole viscosifier.
- Biodegradable and NSF/ANSI 60 certified.

CONCENTRATION

When mixed in a polymer system in conjunction with Earth Pro HydraVis D/L or Earth Pro SynVis D/L mix at 2-4 kg/m^3 (4-9lb/250gal).

As a rheology and fluid loss additive in bentonite based systems add 1-4 kg/m^3 (2-9lb/250gal) as required to maintain fluid loss below 10CC.

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Tan powder
Type: Poly anionic cellulose
Ionic Charge: Anionic
Solubility: Soluble in water
Microtox: 10kg/m^3

MIXING & HANDLING

ProPAC D is a dry polymer and should be added slowly through a high shear mixer to prevent lumps or fish eyes.

ProPAC D should not be added before bentonite since the yielded **Earth Pro ProPAC D** will prevent the bentonite from hydrating.

The MOLE Method may be used to mix this product considerably faster and with less product loss than adding to water dry. Mix equal amounts of TyrboCut and **ProPAC D** in a separate container and then dump into a point of agitation in the mixing tank. Hydration should take ←2mins.

WHMIS: Not controlled
TDG: Not regulated
Packaging: 15kg (33lb) pail



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