

HYDRO-PAC™

SALT TOLERANT BIODEGRADABLE DRILLING SUPPORT FLUID

DESCRIPTION

HYDRO-PAC is a dry hybrid-polymer drilling fluid. HYDRO-PAC is an innovative breakthrough in drilling fluids and containment fluids due to its ability to use saltwater as the hydrating mix water.

RECOMMENDED USE

HYDRO-PAC is the product of choice for drilling horizontal desalination wells, tie-backs, and mini-piles and is engineered for use in slurry cutoff walls and tunneling drilling operations where exposure to contaminants or seawater is expected. Produced from dry free flowing polymers, HYDRO-PAC provides exceptional bore hole stability and cuttings removal in a wide range of ground conditions.

CHARACTERISTICS

- Hydrates easily in seawater, brackish water, or freshwater
- Exceptional fluid loss control minimizes formation sloughing in tie-backs and mini-piles
- When installing tie-backs controls the water flow and keeps borehole open stopping flowing sands from entering
- Minimizes formation damage, maximizes production rates
- Effective in all ground conditions (one bag drilling fluid)
- Can be cleaned down through regular de-sanders
- Fast and efficient mixing in freshwater and saltwater

BENEFITS

- Stable while drilling and recycles
- 2 kg of HYDRO-PAC = Viscosity of 132 or 60 of civil grade 90 bbl bentonite or 25 kg of high yield 220 bbl bentonite
- Naturally biodegrades (stabilizer can be added to retard biodegradation)
- Low cost slurry disposal. Destroy or biodegrade the HYDRO-PAC polymer to settle out drilled cuttings in a settlement pit

MIXING AND APPLICATION

	KG/1000 L
Consolidated Formation (Clay/Shale)	2 - 4
Unconsolidated Formation (Sand/Gravel)	3 - 7

PACKAGING

25 kg bags

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