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 contaminate 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 bore hole 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
- 4.4 lbs (2 kg) of HYDRO-PAC = Viscosity of 132 lbs 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

| Consolidated Formation (Clay/Shale) | 1.67-3.4 | 2-4 |
| Unconsolidated Formation (Sand/Gravel) | 2.51-5.85 | 3-7 |

PACKAGING:
50 lb (22.7 kg) heavy wall poly bags, 40 per pallet. All pallets are plastic-wrapped.

UPDATED: JANUARY 2017

© 2017 CETCO. IMPORTANT: The information contained herein supersedes all previous printed versions, and is believed to be accurate and reliable. For the most up-to-date information, please visit www.CETCO.com. CETCO accepts no responsibility for the results obtained through application of this product. All products are sold on the understanding that the user is solely responsible for determining their suitability for the intended use and for proper use and disposal of the product. CETCO MAKES NO WARRANTY OF MERCHANTABILITY OR SUITABILITY FOR ANY PARTICULAR PURPOSE IN CONNECTION WITH ANY SALE OF THE PRODUCTS DESCRIBED HEREIN. CETCO reserves the right to update information without notice.