



P-HTD & P-HTDL

TECHNICAL DATA SHEET

1/10/24

P-HTD & P-HTDL (PETROCHEM - HIGH TEMPERATURE DISPERSANT POWDER & LIQUID)

TECHNICAL DATA

- **P-HTD & P-HTDL** is designed for use in high temperature cement slurries ranging from 200 - 525 °F BHCT & will function in cement slurries containing salt in any concentration.
- **P-HTD & P-HTDL** is designed for use in high density cement systems (15.5 - 20.0 PPG).
- **P-HTD & P-HTDL** has a Trifunctional benefit in that it works as a Dispersant, Retarder, and also enhances the effectiveness of most Fluid-Loss additives.

PROPERTIES (P-HTD)

- Appearance: Brown (Powder)
- Specific Gravity: 1.38
- Temperature Range: 200 - 525°F

PROPERTIES (P-HTDL)

- Appearance: Brown (Liquid)
- Specific Gravity: 1.24
- Temperature Range: 200 - 525°F

RECOMMENDED TREATMENT

- **P-HTD** is normally used at a concentration range of ~ 0.5 % - 2.0 % BWOC for the powdered product.
- **P-HTDL** is normally used at a concentration range of ~ 0.1 - 0.4 gals/sk. for the liquid product.
- **P-HTD** can either be blended with the cement or dispersed in the mix water & **P-HTDL** is easily mixed with water.
- Modification of the concentration will influence all three properties (rheology, retardation & fluid-loss control).
- Due to its high activity, it is recommended that increments of 0.05 % - 0.1% BWOC or 0.01 to 0.02 gals./sk. be tested when adjusting the concentration.

PACKAGING

- **P-HTD** is packaged in 40 x 50 lb. Sacks / Pallet.
- **P-HTDL** is packaged in 55-gallon (208L.) drums.

SAFETY

- Read the SDS before use.