



P-EXTL

PRODUCT DATA SHEET

1/10/22

P-EXTL (PETROCHEM - EXTENDER LIQUID)

TECHNICAL DATA

- **P-EXTL** is a liquid extender for use in cement slurries which have been prepared with seawater. However it may be used with fresh water that has been treated with Calcium Chloride to adjust the water to 3,500 ppm Calcium. If Calcium Chloride is to be used, it must be added to the mix water prior to adding the **P-EXTL** or other additives. It may be necessary to adjust the concentration of **P-EXTL**, Calcium Chloride and retarder to minimize free water and optimize thickening time.
- **P-EXTL** allows control of cement slurry densities over a wide range from 11.5 ppg to 14.5 ppg without excessive water separation and with proper retardation. However, different cement brands have different cement grinds and are important to the cement slurry design, since a coarse cement grind will require higher concentrations of **P-EXTL** compared to a finer cement grind. Class "G" cement has been found to work very well with **P-EXTL**.
- Calcium Chloride does not accelerate strength development in **P-EXTL** slurries and may actually increase the thickening time at low concentrations (< 1.5 % BWOC). It may also induce free water when used in excessive amounts.

PROPERTIES

- Appearance: Clear (Liquid)
- Specific Gravity: 1.40
- Temperature Range: No Limit

RECOMMENDED TREATMENT

- The normal **P-EXTL** concentration range will be from 0.2 Gal/sack to 0.6 Gal/sack and therefore should be confirmed in the laboratory prior to the job. **P-EXTL** must be dispersed in the mix water thoroughly before mixing the cement slurry; however, the volume of **P-EXTL** is to be considered as part of the total mix volume.

PACKAGING

- **P-ASAL** is packaged in 55-gallon (208L.) drums, 5-gallon (19L.) Pails & 265-gallon (1,000L.) Totes.

SAFETY

- Read the SDS before use.