

## CPFL-344 Cement Fluid Loss Control

### Product Overview

CPFL-344 is a non-retarding Fluid Loss Additives which makes it ideal for lightweight cementing compositions that typically have long thickening times. CPFL-344 has good compressive strength at low temperatures, and it performs well in seawater and fresh water.

CPFL-344 additive is compatible with retarders, dispersants, and calcium chloride ( $\text{CaCl}_2$ ). CPFL-344 has no temperature limitations, and laboratory tests confirm it remains effective at temperatures higher than 400°F.

### Recommended Application

CPFL-344 may be used for fluid loss control in any API class of cement (A, C, G, or H) higher than 400°F. (27 C to 204 C). CPFL-344 may be used in fresh to saturated salt slurries and is compatible with other cement additives such as dispersants, silica flour, retarders, defoamers and weighting materials. CPFL-344 is dry blended with the cement before preparing the slurry. CPFL-344L is dispersed into the mix water.

### Features & Benefits

CPFL-344 can be used in casing and liner cementing slurries using fresh to saturated salt-water. CPFL-344 is ideally suited for squeeze cementing in coil tubing due to its non-gellation properties. In primary cementing, CPFL-344 functions as a gas migration control additive because of its non-gellation characteristics. CPFL-344 provides exceptional filtrate control when used with retarders of BHCT temps beyond 400°F (204 C). CPFL-344L is a high

active liquid version that can readily disperse in the slurry, and a carrier that environmentally degrades and passes the sheen test and is approved for offshore use.

### Typical Properties

| Property              | Value        |
|-----------------------|--------------|
| Appearance            | White Powder |
| Specific Gravity      | 1.22         |
| Activity              | 100%         |
| Bulk Density          | 26 lb./ft.   |
| Solubility ,Water     | Dispersible  |
| Recommended Load Rate | .2-.3 BWOC   |

### Shipping, Handling & Storage

Comes in 50 lb. bags. 5 gallon pails or 55 gallon drums. Shipped from our Manufacturing facility in Houston TX. Keep Materials in a cool dry place.