



# P-F400L

## **CEMENTING SERVICE BULLETIN**

1/10/22

### P-400L (PETROCHEM – HIGH TEMPERATURE FLUID-LOSS LIQUID)

#### TECHNICAL DATA

**P-F400L** is a liquid high temperature fluid loss additive intended for use at BHCT between 180°F to <400°F of which is to be pre-dissolved in the mix water at a concentration range of ~0.2 to ~1.0 gal/sk.

P-F400L may be used in fresh water up to saturated salt water. However, fresh water slurries tend to have higher viscosities due to the absence of the dispersing effect of the salt, which can be easily offset with the addition of a dispersant and/or retarder.

P-F400L is generally used with a PETROCHEM dispersant, but care must be taken to avoid settling which can be caused by the secondary dispersing effects of retarders and the thinning effect of high temperatures.

P-F400L has little retarding effect on the setting time and the recommended PETROCHEM retarders for use with P-F400L are: P-LTR/L, P-MTR5/L, P-HTR2/L and P-SRL, P-SR2L.

When high concentrations of P-F400L is used in conjunction with 35% P-SF (325 mesh silica flour) BWOC, mixing difficulties may occur. Therefore, it is recommended to use P-SS (200 mesh silica sand) which will generally improve the fluid-loss value of the slurry. If settling is experienced with the P-SS, it is worthwhile considering a mixture of both P-SF and P-SS.

When P-F400L is used in high salt concentrations the preferred Antifoam agent is "P-DFL", and when used in low salt concentration "P-AFAL" may be used.

When adding P-F400L to the mix water, the best results are achieved when the salt (if being used) and the Antifoam agent are added to the mix water prior to pre-dissolving the P-F400L.

<u>PRODUCT</u>	<u>FORM</u>	<u>SP.GR.</u>	<u>PACKAGING</u>
P-F400L	Colorless/Faint Yellow	1.24	55 Gal. Drums