



# **P-DAL**

## **CEMENTING SERVICE BULLETIN**

PAGE 1 OF 1  
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### **P-DAL (PETROCHEM - DEFOAMER-ANTIFOAM LIQUID)**

#### **TECHNICAL DATA**

Certain materials added to cement or mix water could cause the slurry to foam during mixing. Foaming causes a pump to lose suction and the slurry density to read low. Foaming also causes poor wetting of cement particles at the solid/water interface, resulting in poor hydration and possibly an erratic response to cement additives in the system.

P-DAL is a De-Foam/Anti-Foam liquid additive, designed to break foam which has formed or to prevent a foaming problem from occurring. P-DAL can also be used in either fresh or salt water.

P-DAL should be considered for use any time the following cement additives are used: Retarders, Salt, Latex, Cement Spacers, Chemical Washes, Surfactants, Cements other than class "G" and "H", and where high mixing energy is applied.

The recommended concentration for P-DAL in salt saturated cement slurries: is 0.01 to 0.05 gal/sk. and in all other applications 0.01 to 0.02 gal/sk. However, some cement brands and formulations may require more or less of the above concentrations, and therefore should be determined by the laboratory prior to use.

The data given is to be used only as a guide. Subsequently, each job is to be designed and tested in the laboratory with the actual water, cement and additives intended for the job, and similar mixing energy is to be duplicated in the field.

<b><u>PRODUCT</u></b>	<b><u>FORM</u></b>	<b><u>SP.GR.</u></b>	<b><u>PACKAGING</u></b>
P-DAL	WHITE LIQUID	1.0	55 GAL/DR.

Remember to consult the Material Safety Data Sheet (MSDS) before using.