



TECHNICAL INFORMATION SHEET

CD-2

Dispersant and Turbulent Flow Inducer

DESCRIPTION

CD-2 is a dispersant and turbulent flow inducer for cement slurries and is recommended for use in the 60°F to 300°F temperature range.

CD-2 also imparts some degree of fluid loss control when used in high doses. However, over dispersion of the cement slurry with resulting high free water should be avoided.

APPLICATION

Excellent friction reduction is obtained with **CD-2** since the viscosity of cement slurries is greatly reduced. Friction reduction is very important where the annulus is less than one inch so that frictional pressures are not exerted on the formation during cement placement.

Efficient mud removal is achieved using slurries pumped at turbulent flow rates. These rates are more easily obtained through the use of **CD-2** due to reduced slurry viscosities, and friction losses.

PHYSICAL PROPERTIES

Appearance:	Speckled Brown powder
Specific Gravity:	1.30
pH:	approx 7.5 in 2% solution
Solubility in water:	Miscible

PACKAGING

Supplied in 25kg sacks

ADDITIONAL INFORMATION

CD-2 is compatible with almost all additives and is an important component in slurry design. **CD-2** increases the effectiveness of both fluid loss additives and retarders. It also allows lower water ratios to be used with and without materials such as silica flour and weighting compounds.

A liquid form, **CD-2L**, can be supplied if required at a nominal activity of 33%.