

PRODUCT DATA Fluid Loss Control

DFL-2

APPLICATION

- Intermediate and Production Casing
- Liner
- Squeeze
- Plug and Abandonment
- 10°C 230°C (Tested)

BENEFITS

- · Gas migration control
- Promotes expansion
- Right Angle Set
- Impermeable filter cake

FEATURES

- Pre-hydratable
- Non-retarding to set times
- Low rheology
- CaCl₂ compatible
- Effective in lightweight slurries
- Typical loadings: 0.6 1.0%

PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE	Brown powder			
TYPE	Proprietary			
PRE-HYDRATE	YES			

SAFETY & HANDLING

WHMIS	IMIS Not controlled			
TDG	Non-regulated			
PACKAGING	20 kg bags			

DESCRIPTION

As the cement slurry is pumped across a permeable formation it is exposed to a differential pressure across a filter medium. The filter medium allows water (filtrate) to pass through leaving behind cement particles (filter cake). Insufficient fluid loss control can cause excess filtrate resulting in an increase in slurry viscosity, higher pump pressures or in severe cases prevent proper slurry placement in both primary and remedial cementing operations.

DFL-2 is a dispersed linear fluid loss used in both primary and remedial cementing. DFL-2 is compatible with most cements and additives making it a versatile additive across a broad range of applications.

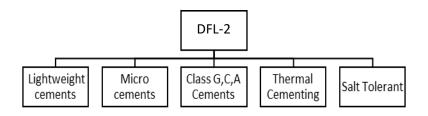
This type of water-soluble polymer controls fluid loss by increasing the viscosity of the aqueous phase of the cement slurry while decreasing filter cake permeability.

The right-angle setting characteristics combined with the impermeable filter cake development is an effective solution for gas migration issues.

TECHNICAL DATA:

0-1-0 "G" @ 1900 kg/m3

TEMP °C	ADDITIVE %		RHEOLOGY				FLUID LOSS	THICKENING TIME
	DFL-2	CaCl ₂	300	100	6	3	(mL)API	70Bc
20	1.0	1.0	165	68	7	5	29	2:11
30	1.0	-	174	72	9	6	25	2:55



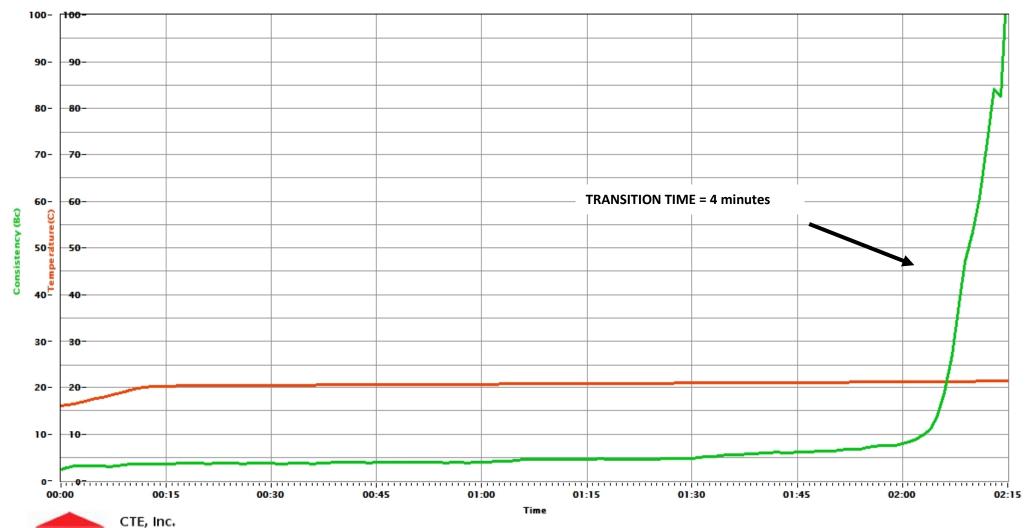


CONTACT: SALES@SCOTTCO.BIZ
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www.scottco.biz

20°C 0-1-0 G @ 1900 kg/m³



1.0% DFL-2, 1.0% CACL2





Alarm 45.00Bc	Bc 45.00 € 128.964 minutes
Alarm 60.00Bc	Bc 60.00 € 130.958 minutes
Alarm 75.00Bc	Bc 75.00 € 132.950 minutes



www.ctetulsa.com

30°C 0-1-0 G @ 1900 kg/m³

1.0% DFL-2

Alarm 60.00Bc Bc 60.00 @ 174.958 minutes

Alarm 75.00Bc Bc 75.00 @ 178.961 minutes

