Drill Cure 2

TECHNOLOGY

This system is based on a specific mixture of components having characteristics that are aimed for an efficient curing of sever losses during drilling operations up to 150F. This system is designed for onshore operations. The technology is developed to address loss circulation during drilling via pumping thixotropic LCM that turns into a rigid gel over time (100-200 PSI). The final jellified form can withstand differential pressure that helps to plug the cracks within the fractures.

ADVANTAGES

- Designed for fresh water application.
- Highly efficient cost control.
- Non-corrosive materials.
- Pump through 5 mm nozzle.
- Provides additional sealing of the formation's pores and cracks.
- Environmentally friendly: No use of hazardous substances.
- Easy to prepare.
- Setting time can be controlled by adding TLC-1.
- Avoid the risk of pumping cement through the drill bit.
- Reduces time and simplifies logistics.
- Free granular LCM

TEMPERATURE RANGE

- 80F - 150F (26 - 66)

RECOMMANDED DOSAGE

- 60-66 lbs/bbl (27 – 30 Kg/bbl)

Drill Cure 2

EFFICIENT SOLUTION TO CURE SEVER LOSSES DURING OPERATIONS

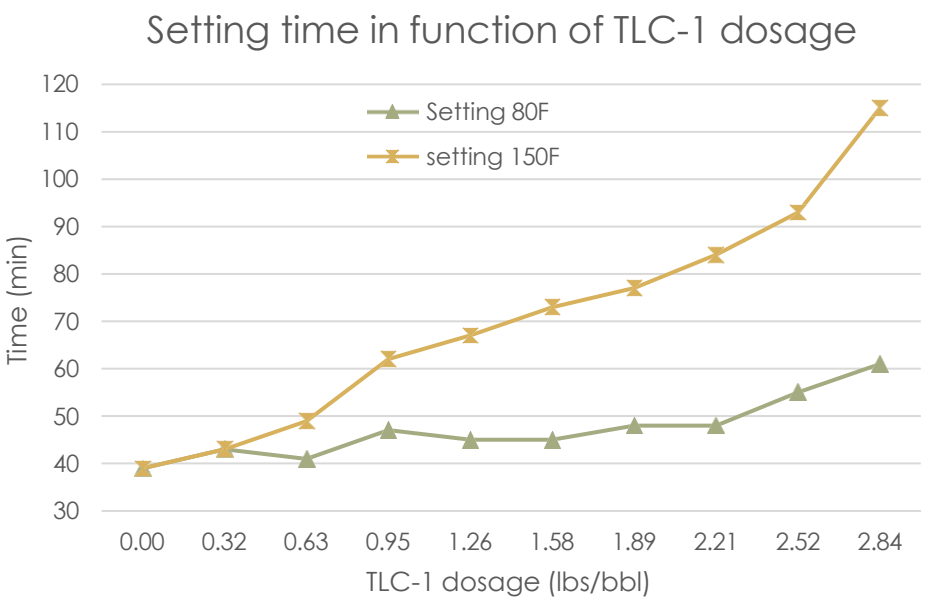
PHYSICAL AND CHEMICAL PROPERTIES *Drill Cure 2*

	Physical Status	Appearance	S. G.	Color	pH
Drill Cure 2	Solid	Powder	2.5	Off-white	9.5

PROCEDURE

- Mix Drill Cure 2 (60-65 Lbs/bbl) at low to moderate speed and pump it in a period of 25-45 min.
- TLC-1 should be added proportionally to the time needed to reach setting.
- Recommended volume 100-150 bbl (can be repeated to cure losses)

TIME TO REACH SETTING



PACKAGING

- 55 lbs/sack (25 Kg)
- jumbo bag 1322 lbs (600 Kg)