

API cement tests Cement-G

Used API spec10A for G cement

- Slurry Density 1.90 Sg
- Neat cement without chemicals

1- API - Thickening time test

API Schedule N° 5

BHCT: 52°C
BHP: 5200 psi
Ramp time: 28 min

Results

Description	API Spec 10-A acceptance	Test result
Max. Consistency 15-30 Min.(BC)	30 (BC) MAX	20 (BC)
Thickening Time 79 BC (Minutes)	90-120 (Minutes)	108 (minutes)

2- API Free Fluid

Test Temperature	API Spec 10-A acceptance	Test results
80 deg °F	Max 5.9 %	2.2 %

3- API Compressive strength

Curing Condition	API Spec 10-A acceptance	Test Results
At 38°C @ 8:00 hr:mn	300 psi Minimum	-
At 60°C @ 8:00 hr:mn	1500 psi Minimum	-

Conclusion:

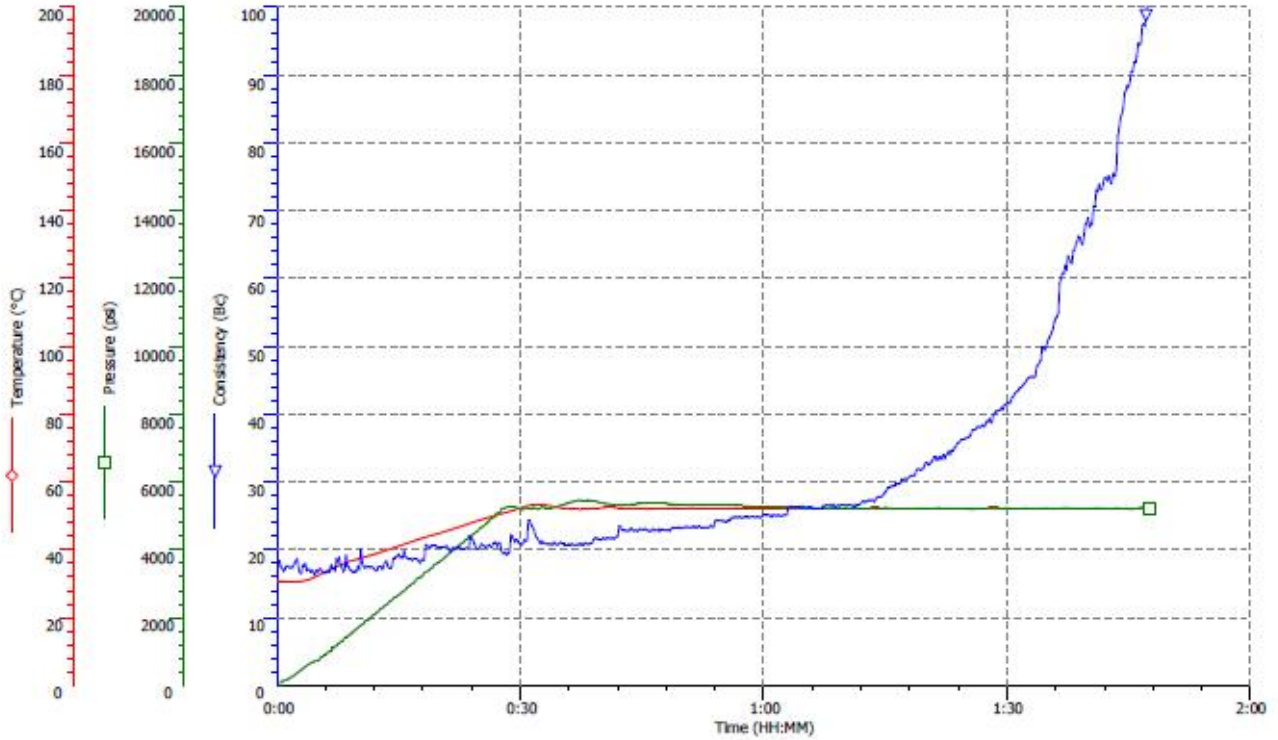
The cement test results are with the API spec10-A requirements for G cement.

Thickening Time chart

Instrument: 8040-LC 989L
Comments:
Well #:

Test Start: 7/18/2018 8:32:17 AM
BHCT: 52 deg
Client:

Test Stop: 7/18/2018 10:19:47 AM
TT @40Bc:1:26:30
TT @70Bc:1:40:40
TT @100Bc:1:47:20



Erbil Laboratory

Test File Name: API Test-Cement Class G-UCN- 41-2018-2.tst

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