



7781 FM 1102, New Braunfels, Texas 78132  
Hunter Cement

Class A Oil Well Cement

Date: January 10, 2023

Production Period: November 2022

CHEMICAL  
API Specification 10A (ASTM C114)

Item	Spec. Limit	Test Result
MgO (%)	6.0 max	1.1
SO <sub>3</sub> (%)	3.5 max	3.0
Ignition loss (%)	3.5 max	2.8
CO <sub>2</sub> (%)	A	1.7
Limestone (%)	A	3.9
CaCO <sub>3</sub> in Limestone (%)	75 min	95
Insoluble residue (%)	0.75 max	0.28

PHYSICAL

Item	Spec. Limit	Test Result	
Blaine fineness (m <sup>2</sup> /kg)	280 min	312	
Compressive strength (psi)			
8 Hour Curing 100F	psi	250 min	811
24 Hour Curing 100F	psi	1800 min	3061
Thickening time (Schedule 4)	90 min	113	
Maximum consistency (15 min to 30 min stirring period)	30 max	4	

<sup>A</sup> Not applicable

This cement meets the testing specification: API Specification  
10A, Class A Oil Well Cement

Signature:

Kevin Hanna

Area Quality Control Manager