



OFITE Viscometer Calibration Report

Oil Calibration Per API Recommended Practices; 13B-1 Annex I.5, 13B-2 Annex I.5, 10B-2 Annex B.3.6 and Specification 13A Section 5.2.6

Order Number:	RP00000044
Serial # / Local I.D. #:	5407310000009
Calibration Date:	6/2/2026
*Recommended Due Date:	6/2/2027
Certificate Number:	540731000000946175
Part Number:	130-10-S
Model:	Model 800 Viscometer, Stability Motor

Condition Found:	Out of Calibration
Condition Left:	In Calibration
Repairs Required:	Yes
As Found Required:	No
Bob:	B1
Spring:	F1

OFI Testing Equipment, Inc. - 11302 Steeplecrest Dr - Houston, Texas - 77065 - Phone: 832.320.7300 - Web: www.ofite.com

TESTING CONDITION AND CALIBRATION FLUIDS INFORMATION

Ambient Conditions	Lab / Room Temperature	°F	°C	Lab / Room Humidity			57.8 %
		73.5 °F	23.1 °C				
Calibration Fluid Activation Date and LOT Number	100 cP	Activation Date	Calibration Fluid LOT Number	50 cP	Activation Date	Calibration Fluid LOT Number	
		5/25/2026	508512		5/25/2026	228501	
	(Activation Date should not exceed 30 days of the calibration date)						

RPM CHECK		± 1 RPM for speeds <100 RPM		± 1 % of nominal speed of 100 RPM or Greater			
Speed Setting	3.0 RPM	6.0 RPM	100.0 RPM	200.0 RPM	300.0 RPM	600.0 RPM	
Actual	3.0 RPM	6.0 RPM	100.3 RPM	200.1 RPM	299.8 RPM	600.0 RPM	
Allowed Deviation	± 1.00 RPM	± 1.00 RPM	± 1.00 RPM	± 2.00 RPM	± 3.00 RPM	± 6.00 RPM	
Actual Deviation	0.0 RPM	0.0 RPM	0.3 RPM	0.1 RPM	0.2 RPM	0.0 RPM	
Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	
Per API RP 10B-2 Annex B, Equipment Calibration Requirements							

AS LEFT MEASUREMENTS

Calibration Fluid Viscosity	Calibration Fluid LOT Number	Calibration Fluid Temperature	Calibrated Viscosity (CV)	600 RPM Reading	600 VIS: 600 Reading * 0.5050	Accepted Deviation	Actual Deviation ** (600 VIS - CV)	300 RPM Reading	300 VIS: 300 Reading * 1.0000	Accepted Deviation	Actual Deviation (300 VIS - CV)	200 RPM Reading	200 VIS: 200 Reading / 0.6667	Accepted Deviation	Actual Deviation (200 VIS - CV)	100 RPM Reading	100 VIS: 100 Reading / 0.3333	Accepted Deviation	Actual Deviation (100 VIS - CV)	Pass/Fail
100 cP	508512	23.8 °C	98.8	194.5	98.23	±1.50	-0.57	98.0	98	±1.50	-0.80	66.0	98.99	±1.50	0.19	33.0	99.01	±1.50	0.21	Pass
50 cP	228501	24.0 °C	48.9	98.5	49.75	±1.50	0.85	48.5	48.5	±1.50	-0.40	32.0	48.00	±1.50	-0.90	16.0	48.00	±1.50	-0.90	Pass
** For viscometers not using a B1F1 configuration, the 600 rpm reading is shown, but is not used for determining a pass/fail.																	As Left Calibration Results		Pass	

Factory Recommendations*: Factory recalibration is recommended annually. Uncertainty: 0.5%

Calibration requirements are determined per customer's Quality Management System.

Per API RP 13B-1 and -2, viscometers used for testing drilling fluids should be verified with a traceable calibration fluid at least monthly.

Per API RP 10B-2, viscometers used for testing cements should be verified for accuracy with a traceable calibration fluid at least quarterly.

Terrill Braun
Calibration Technician

6/2/2026
Date

Terrill Braun
Technician Signature

Samantha Korenek
Reviewed By

6/2/2026
Date

Samantha Korenek
Reviewer Signature

CALIBRATION EQUIPMENT

Fluid Thermometer	667	90080-09	181334596	C-58766	1/6/2026	1/6/2027
	I.D. Number	Model Number	Serial Number	Certificate Number	Calibration Date	Calibration Due Date
Tachometer	312	461920	12050313	C-54328	9/5/2025	9/5/2026
	I.D. Number	Model Number	Serial Number	Certificate Number	Calibration Date	Calibration Due Date
Ambient Monitor / Thermometer	281	0	0	0	#VALUE!	#VALUE!
	I.D. Number	Model Number	Serial Number	Certificate Number	Calibration Date	Calibration Due Date

AS LEFT REPORT

List all repairs made to the unit under AS LEFT measurements.

Viscometer
Calibration Report
01/27/2025

This report meets or exceeds the requirements outlined in API RP 13B-1 Recommended Practice for Field Testing Water-based Drilling Fluids and API RP 13B-2 Recommended Practice for Field Testing Oil-based Drilling Fluids for calibration of laboratory devices, using certified master test equipment that is traceable to NIST which is a signatory to the Mutual Recognition Arrangement (MRA) with the International Laboratory Accreditation Cooperation (ILAC).

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