



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:	RP00000049
Serial # / Local I.D. #:	5385740000004
Calibration Date:	6/11/2026
*Recommended Due Date:	6/11/2027
Certificate Number:	538574000000446184
Part Number:	132-00
Model:	Hand-Crank Viscometer

Condition Found:	
Condition Left:	In Calibration
Repairs Required:	No
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		50.9 %
		73.4 °F	23.0 °C			
Calibration Fluid Activation Date and LOT Number	100 cP	Activation Date	Calibration Fluid LOT Number	50 cP	Activation Date	Calibration Fluid LOT Number
		1/6/1900	508512		6/3/2026	503806
		(Activation Date should not exceed 30 days of the calibration date)				

RPM CHECK		
Speed Setting	300.0 RPM	600.0 RPM
Actual	298.4 RPM	610.2 RPM
Allowed Deviation	± 6.00 RPM	± 12.00 RPM
Actual Deviation	1.6 RPM	10.2 RPM
Pass / Fail	Pass	Pass
There is no specified equipment calibration RPM requirements for a Hand Crank in API / The RPM and deviations mentioned above are OFITE recommendations per the User Manual.		

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 VIS - CV) (600	300 RPM Reading	300 VIS: 300 Reading * 1.0000	Accepted Deviation	Actual Deviation VIS - CV) (300	Pass/Fail
100 cP	508512	24.4 °C	97.6	196.0	98.99	±1.50	1.39	97.0	97.0	±1.50	-0.60	Pass
50 cP	503806	24.3 °C	47.7	96.0	48.48	±1.50	0.78	47.0	47.00	±1.50	-0.70	Pass
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.

Elmer Pumphrey
Calibration Technician

6/11/2026
Date

Elmer Pumphrey
Technician Signature

Samantha Korenek
Reviewed By

6/16/2026
Date

Samantha Korenek
Reviewer Signature

CALIBRATION EQUIPMENT						
Fluid Thermometer	260	90080-09	192283369	C-58765	1/6/2026	1/6/2027
	I.D. Number	Model Number	Serial Number	Certificate Number	Calibration Date	Calibration Due Date
Tachometer	679	R7050	220326766	C-52613	7/23/2025	7/23/2026
	I.D. Number	Model Number	Serial Number	Certificate Number	Calibration Date	Calibration Due Date
Ambient Monitor / Thermometer	169	EA20	Z375173	C-64913	5/20/2026	5/20/2027
	I.D. Number	Model Number	Serial Number	Certificate Number	Calibration Date	Calibration Due Date

Viscometer Calibration Report 12/1/2025	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).	Page 1 of 1
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