



## OFITE Viscometer Calibration Report

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

Order Number:	23150
Serial # / Local I.D. #:	5114770000001
Calibration Date:	2/18/2026
*Recommended Due Date:	2/18/2027
Certificate Number:	511477000000146071
Part Number:	132-00
Model:	Hand-Crank Viscometer

Condition Found:	In Calibration
Condition Left:	Yes
Repairs Required:	No
As Found Required:	B1
Bob:	F1
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		53.8 %
		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
		2/12/2026	508512		2/12/2026	228501
(Activation Date should not exceed 30 days of the calibration date)						

RPM CHECK			
Speed Setting	300.0 RPM	600.0 RPM	
Actual	299.3 RPM	609.4 RPM	
Allowed Deviation	± 6.00 RPM	± 12.00 RPM	
Actual Deviation	0.7 RPM	9.4 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	98.0	98.0	±1.50	0.40	Pass	
50 cP	228501	23.8 °C	49.1	98.0	49.49	±1.50	0.39	48.0	48.00	±1.50	-1.10	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

2/18/2026  
 Date

*Elmer Pumphrey*  
 Technician Signature

Samantha Korenek  
 Reviewed By

2/18/2026  
 Date

*Samantha Korenek*  
 Reviewer Signature

CALIBRATION EQUIPMENT							
Fluid Thermometer	668	90080-09	181334600	C-58767	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	728	RH300	2430119	305923	4/1/2025	4/1/2026	
	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.

Replace bearing, shaft housing, shaft cam and calibrated

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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