



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:	23297
Serial # / Local I.D. #:	513310000002
Calibration Date:	4/29/2026
*Recommended Due Date:	4/29/2027
Certificate Number:	5133100000246141
Part Number:	130-76
Model:	Model 900 Viscometer

Condition Found:	Out of Calibration
Condition Left:	In Calibration
Repairs Required:	Yes
As Found Required:	No
Bob:	B1
Spring:	F0.2

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		50.2 %
		72.3 °F	22.4 °C			50.2 %
Calibration Fluid Activation Date and LOT Number	20 cP	Activation Date	Calibration Fluid LOT Number	10 cP	Activation Date	Calibration Fluid LOT Number
		4/29/2026	410810		4/29/2026	23201
(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	199.8 RPM	300.6 RPM	600.2 RPM	600.2 RPM
Allowed Deviation	± 1.00 RPM	± 1.00 RPM	± 1.00 RPM	± 2.00 RPM	± 3.00 RPM	± 6.00 RPM	± 6.00 RPM
Actual Deviation	0.0 RPM	0.0 RPM	0.3 RPM	0.2 RPM	0.6 RPM	0.2 RPM	0.2 RPM
Pass / Fail	Pass	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* 0.1010	Accepted Deviation	Actual Deviation ** (600 VIS - CV)	300 RPM Reading	300 VIS: 300 Reading* 0.2000	Accepted Deviation	Actual Deviation (300 VIS - CV)	200 RPM Reading	200 VIS: 200 Reading / 3.3334	Accepted Deviation	Actual Deviation (200 VIS - CV)	100 RPM Reading	100 VIS: 100 Reading / 1.6667	Accepted Deviation	Actual Deviation (100 VIS - CV)	Pass/Fail
20 cP	410810	23.5 °C	19.9	199.0	-	-	-	100.2	20.04	±.30	0.14	65.9	19.77	±.30	-0.13	32.8	19.68	±.30	-0.22	Pass
10 cP	23201	23.3 °C	9.5	93.5	-	-	-	46.1	9.22	±.30	-0.28	31.1	9.33	±.30	-0.17	15.4	9.24	±.30	-0.26	Pass
** For viscometers not using a B1F1 configuration, the 600 rpm reading is shown, but is not used for determining a pass/fail.																				Pass
As Left Calibration Results																				

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.

Magdy Beshay
Calibration Technician

4/29/2026
Date

Magdy Beshay
Technician Signature

Samantha Korenek
Reviewed By

4/29/2026
Date

Samantha Korenek
Reviewer Signature

CALIBRATION EQUIPMENT							
Fluid Thermometer	325	90080-09	192283357	C-52614	7/23/2025	7/23/2026	
	I.D. Number	Model Number	Serial Number	Certificate Number	Calibration Date	Calibration Due Date	
Tachometer	708	R7050	230832873	C-59865	2/3/2026	2/3/2027	
	I.D. Number	Model Number	Serial Number	Certificate Number	Calibration Date	Calibration Due Date	
Ambient Monitor / Thermometer	261	EA20	2375174	C-59375	1/20/2026	1/20/2027	
	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.

Please move bob if P value change, 0.2 spring is Very sensitive moving around

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).	Page 1 of 1
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