OFI Testing Equipment, Inc.
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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

Part Number: 130-76-C **Model:** Model 900 Viscometer, Complete, 115 Volt **Serial Number:** 5374500000004 **S/O# or J/O#** New

Bob B1 **Spring** F1

RPM Check	± 1 RPM for speeds <100 RPM		± 1 % of nominal speed of 100 RPM or Greater			
Speed Setting (RPM):	**3 RPM**	**6 RPM**	**100 RPM**	**200 RPM**	**300 RPM**	**600 RPM**
Actual:	3.0 RPM	6.0 RPM	100.0 RPM	200.0 RPM	300.0 RPM	600.0 RPM
Allowed Deviation:	± 1.00 RPM	± 1.00 RPM	± 1.0 RPM	± 2.0 RPM	± 3.0 RPM	± 6.0 RPM
Actual Deviation:	0.0 RPM	0.0 RPM	0.0 RPM	0.0 RPM	0.0 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 Batch #	Temp	Calibrated Viscosity (CV)	600 RPM Reading	600 VIS: 600 Reading * 0.5050	Accepted Deviation	Actual Deviation**	300 RPM Reading	300 VIS: 300 Reading * 1.0000	Accepted Deviation	Actual Deviation	200 RPM Reading	200 VIS: 200 Reading / 0.6667	Accepted Deviation	Actual Deviation	100 RPM Reading	100 VIS: 100 Reading / 0.3333	Accepted Deviation	Actual Deviation (100 VIS - CV)	Pass/Fail
100 cP	309602	22.9	101.9	203.4	102.72	±1.50	0.82	101.9	101.9	±1.50	0.00	68.4	102.59	±1.50	0.69	34.4	103.21	±1.50	1.31	Pass
50 cP	228501	22.5	50.4	99.4	50.20	±1.50	-0.20	50.7	50.7	±1.50	0.30	34.2	51.30	±1.50	0.90	17	51.01	±1.50	0.61	Pass
																		Calibration Result		Pass

** **For viscometers not using a B1F1 configuration, the 600 rpm reading is shown, but is not used for determining a pass/fail.**

Technician: Emad Hanna

Calibration Date: 2/3/2025

Calibration Due Date*: 2/3/2026

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.

Reviewed By: Therese Ikladious

Review Date: 2/3/2025

Calibration Fluid Activation Date: **100 cP** 2/3/2025 **50 cP** 2/3/2025
(Activation Date should not exceed 30 days of the calibration date)

For internal use only.

All master instruments and fluids are calibrated and/or certified to standards which are traceable to NIST. ☐ **Instrument Certificates of Calibration attached**

Fluid Thermometer: 704 **Model #:** 1000,90080-0 **Calibration Date:** 5/8/2024 **Calibration Due:** 5/8/2025 **Serial No:** 221540132

Tachometer: 155 **Model #:** 4060 **Calibration Date:** 7/22/2024 **Calibration Due:** 7/22/2025 **Serial No:** 122574032

Ambient Monitor: 345 **Model #:** RH300 **Calibration Date:** 8/20/2024 **Calibration Due:** 8/20/2025 **Serial No:** Z395285

Ambient Conditions

Room Temperature: 72 **Relative Humidity:** 48