



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: | 274011 |
| Serial # / Local I.D. #: | 07-981 |
| Calibration Date: | 6/12/2025 |
| *Recommended Due Date: | 6/12/2026 |
| Certificate Number: | 07-98145820 |
| Part Number: | 130-76 |
| Model: | Model 900 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 | | 59.3 % | |
| | | 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 |
| | | 6/11/2025 | 423912 | | | 6/11/2025 | 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 | | |
|--|-----------------------------|------------|------------|--|------------|------------|
| | 3.0 RPM | 6.0 RPM | 100.0 RPM | 200.0 RPM | 300.0 RPM | 600.0 RPM |
| Speed Setting | 3.0 RPM | 6.0 RPM | 100.5 RPM | 200.2 RPM | 300.6 RPM | 600.4 RPM |
| Actual | 3.0 RPM | 6.0 RPM | 100.5 RPM | 200.2 RPM | 300.6 RPM | 600.4 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 | 0.5 RPM | 0.2 RPM | 0.6 RPM | 0.4 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 | 423912 | 24.1 °C | 96.2 | 190.4 | 96.16 | +1.50 | -0.04 | 96.6 | 96.6 | +1.50 | 0.40 | 64.5 | 96.74 | +1.50 | 0.54 | 32.5 | 97.51 | +1.50 | 1.31 | Pass | |
| 50 cP | 228501 | 24.1 °C | 48.8 | 95.6 | 48.28 | +1.50 | -0.52 | 48.9 | 48.9 | +1.50 | 0.10 | 32.8 | 49.20 | +1.50 | 0.40 | 16.4 | 49.20 | +1.50 | 0.40 | 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.

Elmer Pumphrey

Calibration Technician

6/12/2025

Date

Samantha Korenek

Reviewed By

6/16/2025

Date

| CALIBRATION EQUIPMENT | | | | | | |
|-------------------------------|-------------|---------------|---------------|--------------------|------------------|----------------------|
| Equipment | I.D. Number | Model Number | Serial Number | Certificate Number | Calibration Date | Calibration Due Date |
| Fluid Thermometer | 704 | 4000,90080-09 | 221540132 | C-50089 | 5/15/2025 | 5/15/2026 |
| Tachometer | 680 | R7050 | 220326689 | C-38908 | 7/22/2024 | 7/22/2025 |
| | I.D. Number | Model Number | Serial Number | Certificate Number | Calibration Date | Calibration Due Date |
| Ambient Monitor / Thermometer | 261 | EA20 | Z375174 | C-47065 | 1/31/2025 | 1/31/2026 |
| | I.D. Number | Model Number | Serial Number | Certificate Number | Calibration Date | Calibration Due Date |