



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: | 23010 |
| Serial # / Local I.D. #: | 43180 |
| Calibration Date: | 11/17/2025 |
| *Recommended Due Date: | 11/17/2026 |
| Certificate Number: | 4318045978 |
| Part Number: | 130-60 |
| Model: | 6-Speed Viscometer |

| | |
|--------------------|----------------|
| Condition Found: | In Calibration |
| Condition Left: | In Calibration |
| Repairs Required: | Yes |
| As Found Required: | No |
| Bob: | B1 |
| Spring: | F1 |

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TESTING CONDITION AND CALIBRATION FLUIDS INFORMATION

| Ambient Conditions | Lab / Room Temperature | °F | °C | Lab / Room Humidity | | 48.9 % |
|---|------------------------|-----------------|------------------------------|---------------------|-----------------|------------------------------|
| | | 71.2 °F | 21.8 °C | | | |
| Calibration Fluid Activation Date and LOT Number | 100 cP | Activation Date | Calibration Fluid LOT Number | | Activation Date | Calibration Fluid LOT Number |
| | | 10/29/2025 | 423912 | | 10/29/2025 | 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 | | |
|--|-----------------------------|------------|------------|--|------------|------------|
| 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 | 100.2 RPM | 200.0 RPM | 300.1 RPM | 600.2 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 | 0.2 RPM | 0.0 RPM | 0.1 RPM | 0.2 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 | 23.2 °C | 97.9 | 192.0 | 96.97 | ±1.50 | -0.93 | 97.5 | 97.5 | ±1.50 | -0.40 | 65.5 | 98.24 | ±1.50 | 0.34 | 32.5 | 97.51 | ±1.50 | -0.39 | Pass |
| 50 cP | 228501 | 23.0 °C | 49.9 | 98.0 | 49.49 | ±1.50 | -0.41 | 49.5 | 49.5 | ±1.50 | -0.40 | 33.0 | 49.50 | ±1.50 | -0.40 | 16.5 | 49.50 | ±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.

Magdy Beshay

Calibration Technician

11/17/2025

Date

Samantha Korenek

Reviewed By

11/17/2025

Date

CALIBRATION EQUIPMENT

| Equipment | I.D. Number | Model Number | Serial Number | Certificate Number | Calibration Date | Calibration Due Date |
|-------------------------------|-------------|--------------|---------------|--------------------|------------------|----------------------|
| Fluid Thermometer | 325 | 90080-09 | 192283357 | C-52614 | 7/23/2025 | 7/23/2026 |
| Tachometer | 708 | R7050 | 230832873 | C-46743 | 2/6/2025 | 2/6/2026 |
| | 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 |

AS LEFT REPORT

List all repairs made to the unit under AS LEFT measurements.

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