



## 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:            | RP00000018           |
| Serial # / Local I.D. #: | 13-5611-001          |
| Calibration Date:        | 5/19/2026            |
| *Recommended Due Date:   | 5/19/2027            |
| Certificate Number:      | 13-5611-00146161     |
| Part Number:             | 130-10               |
| Model:                   | Model 800 Viscometer |

|                    |                    |
|--------------------|--------------------|
| Condition Found:   | Out of 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 |                 |                              |
|   |                        |                 |                              |                     |                 |                              |
| Calibration Fluid Activation Date and LOT Number                    | 100 cP                 | Activation Date | Calibration Fluid LOT Number | 50 cP               | Activation Date | Calibration Fluid LOT Number |
|   |                        | 5/11/2026       | 508512                       |                     | 5/11/2026       | 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    | 100.0 RPM  | 200.0 RPM                                   | 300.0 RPM  | 600.0 RPM  | 600.0 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    | 0.0 RPM    | 0.0 RPM                                     | 0.0 RPM    | 0.0 RPM    | 0.0 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* 0.5050 | 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  | 508512                       | 22.7 °C                       | 101.1                     | 199.5           | 100.76                       | ±1.50              | -0.34                              | 101.5           | 101.5                        | ±1.50              | 0.40                            | 68.0            | 101.99                        | ±1.50              | 0.89                            | 34.0            | 102.01                        | ±1.50              | 0.91                            | Pass      |
| 50 cP   | 228501                       | 22.8 °C                       | 50.1                      | 100.0           | 50.50                        | ±1.50              | 0.40                               | 50.5            | 50.5                         | ±1.50              | 0.40                            | 34.0            | 51.00                         | ±1.50              | 0.90                            | 17.0            | 51.01                         | ±1.50              | 0.91                            | 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.

Amir Mekhail  
Calibration Technician

5/19/2026  
Date

*Amir Mekhail*  
Technician Signature

Samantha Korenek  
Reviewed By

5/19/2026  
Date

*Samantha Korenek*  
Reviewer Signature

| CALIBRATION EQUIPMENT         |             |              |               |                    |                  |                      |
|-------------------------------|-------------|--------------|---------------|--------------------|------------------|----------------------|
| Fluid Thermometer             | 667         | 90080-09     | 181334596     | C-58766            | 1/6/2026         | 1/6/2027             |
|                               | 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.

Change Rotor, shaft bearing, main bearing, belt, tense holder

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|---|---|-------------|
| Viscometer Calibration Report<br>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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