



## 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:            | NEW  |
| Serial # / Local I.D. #: | 5391480000008                                    |
| Calibration Date:        | 8/13/2025  |
| *Recommended Due Date:   | 8/13/2026  |
| Certificate Number:      | 539148000000845882                               |
| Part Number:             | 130-10-C-S                                       |
| Model:                   | Model 800 Viscometer , Complete, Stability Motor |

|                  |                |
|------------------|----------------|
| Condition Found: | New            |
| Condition Left:  | In Calibration |

|         |    |
|---------|----|
| Bob:    | B1 |
| Spring: | F1 |

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| TESTING CONDITION AND CALIBRATION FLUIDS INFORMATION                |                        |                 |                              |                     |       |                 |                              |
|---|------------------------|-----------------|------------------------------|---------------------|-------|-----------------|------------------------------|
| Ambient Conditions  | Lab / Room Temperature | °F              | °C                           | Lab / Room Humidity |       | 62.1 %          |                              |
|   |                        | 74.3 °F         | 23.5 °C                      |                     |       |                 |                              |
| Calibration Fluid Activation Date and LOT Number                    | 100 cP                 | Activation Date | Calibration Fluid LOT Number |                     | 50 cP | Activation Date | Calibration Fluid LOT Number |
|   |                        | 7/15/2025       | 423912                       |                     |       | 7/15/2025       | 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    | 100.0 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  | 600.2 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    | 0.0 RPM    | 0.0 RPM                                      | 0.0 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                       | 23.7 °C                       | 97.0                      | 191.0           | 96.46                        | +1.50              | -0.54                             | 95.5            | 95.5                         | +1.50              | -1.50                           | 64.0            | 95.99                         | +1.50              | -1.01                           | 32.0            | 96.01                         | +1.50              | -0.99                           | Pass                        |      |
| 50 cP   | 228501                       | 23.8 °C                       | 49.1                      | 98.5            | 49.75                        | +1.50              | 0.65                              | 49.5            | 49.5                         | +1.50              | 0.40                            | 33.0            | 49.50                         | +1.50              | 0.40                            | 16.0            | 48.00                         | +1.50              | -1.10                           | 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.

|                        |           |
|------------------------|-----------|
| Benjamin McMullin      | 8/13/2025 |
| Calibration Technician | Date      |
| Samantha Korenek       | 8/14/2025 |
| Reviewed By            | Date      |

| 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                    | 710         | 461920       | 131105873     | C-50090            | 5/15/2025        | 5/15/2026            |  |
|                               | I.D. Number | Model Number | Serial Number | Certificate Number | Calibration Date | Calibration Due Date |  |
| Ambient Monitor / Thermometer | 705         | EA10         | Z414473       | C-52618            | 7/23/2025        | 7/23/2026            |  |
|                               | I.D. Number | Model Number | Serial Number | Certificate Number | Calibration Date | Calibration Due Date |  |