



## 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:            | RP0000071            |
| Serial # / Local I.D. #: | 5280310000002        |
| Calibration Date:        | 6/19/2026            |
| *Recommended Due Date:   | 6/19/2027            |
| Certificate Number:      | 528031000000246192   |
| 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 |                 | 45.0 %                       |
|                                                      |                                                                     | 75.0 °F         | 23.9 °C                      |                     |                 |                              |
| Calibration Fluid Activation Date and LOT Number     | 100 cP                                                              | Activation Date | Calibration Fluid LOT Number | 50 cP               | Activation Date | Calibration Fluid LOT Number |
|                                                      |                                                                     | 6/3/2026        | 508512                       |                     | 6/3/2026        | 503806                       |
|                                                      | (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    | 99.9 RPM   | 199.9 RPM                                    | 299.6 RPM  | 599.6 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    | 0.1 RPM    | 0.1 RPM                                      | 0.4 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                                                                                                                        | 508512                       | 23.7 °C                       | 99.0                      | 195.0           | 98.48                         | ±1.50              | -0.52                              | 98.5            | 98.5                          | ±1.50              | -0.50                           | 66.5            | 99.74                         | ±1.50              | 0.74                            | 33.0            | 99.01                         | ±1.50              | 0.01                            | Pass      |
| 50 cP                                                                                                                         | 503806                       | 23.7 °C                       | 48.3                      | 95.5            | 48.23                         | ±1.50              | -0.07                              | 48.5            | 48.5                          | ±1.50              | 0.20                            | 32.5            | 48.75                         | ±1.50              | 0.45                            | 16.5            | 49.50                         | ±1.50              | 1.20                            | 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

6/19/2026  
Date

  
Technician Signature

Samantha Korenek  
Reviewed By

6/22/2026  
Date

  
Reviewer Signature

| 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                    | 312         | 461920       | 12050313      | C-54328            | 9/5/2025         | 9/5/2026             |
|                               | I.D. Number | Model Number | Serial Number | Certificate Number | Calibration Date | Calibration Due Date |
| Ambient Monitor / Thermometer | 728         | RH300        | Z430119       | C-64382            | 4/30/2026        | 4/30/2027            |
|                               | 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.

we change bearing and the shaft

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 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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