



Order Number:	New
Serial # / Local I.D. #:	5384750000001
Calibration Date:	3/27/2025
Recommended Due Date:	3/27/2026
Certificate Number:	538475000000145743
Condition Found:	NEW
Condition Left:	In Calibration

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112-00-1 EP and Lubricity Tester 230V Calibration Report

Tachometer Speed Accuracy Check				
Target Speed	Tachometer Reading (RPM)	Allowed Deviation	Actual Deviation	Pass / Fail
60.0 RPM	60.5 RPM	± 1.5 RPM	0.5 RPM	Pass
	Pass			
200.0 RPM	200.3 RPM	± 5.0 RPM	0.3 RPM	Pass
	Pass			
600.0 RPM	600.5 RPM	± 15.0 RPM	0.5 RPM	Pass
	Pass			
1000.0 RPM	1000.4 RPM	± 25.0 RPM	0.4 RPM	Pass
	Pass			
Tachometer I.D. #		155	Certificate Number	C-38907
Model Number		4060	Calibration Date	7/22/2024
Serial Number		122574032	Calibration Due Date	7/22/2025

Deionized Water Check				
Target Torque (in-lb)	Unit Reading (in-lb)	Allowed Deviation	Actual Deviation	Pass / Fail
34.0 in-lb	33.2 in-lb	± 2.0 in-lb	0.8 in-lb	Pass
	Pass			

Mud Tests				
Speed = 60 RPM / Torque = 150 in-lb / Duration = 15 Minutes				
Sample	Measured Torque Value	Correction Factor	Mud Lubricity Coefficient	Pass / Fail
Low Solids	41.90	1.024	0.43	Pass
	Pass			
High Solids	50.50	1.024	0.52	Pass
	Pass			

This report meets or exceeds the requirements outlined in API SP 13A Specification for Drilling-Fluid Materials 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).

Calibrated By: Emad Hanna Date: 3/27/2025

Approved By: Samantha Korenek Date: 3/27/2025