

Sequence X S.P.

February 20, 2019

Prepared By: Alfonso Lopez, S.P. Chairman

Meeting Agenda

- Attendance
- Approval of the minutes from November 14, 2018
 - Motion to approve – Ron
 - Second – Al
 - Pass Unanimous
- General Test Update
- TMC Report – Reference test activity
- OEM Report
- Test Activity – ACC data of registered tests
- Motion to accept the test procedure

Sequence X Test Update

- Test approval for GF6 at AOAP December 7, 2017.
- Registration began on April 2, 2018 (Retro Registration 03/19/16 – 04/02/18)
- There are no fuel or hardware supply concerns at this time. Test labs procured inventory for the life of GF6. (5-7 yrs)
- BOI/VGRA : Motion to send to Ballot approved at the Lubes and Standards Group on 02/14/19. 30 day to vote and comment for approval.
- Sequence X procedure editing complete. Motion needed to send to Subcommittee B.

Motion to Accept the Sequence X Procedure

- Motion: The Sequence X Surveillance Panel accepts the test procedure as complete, per discussion February 20th Surveillance Panel meeting, and appropriate in evaluating the performance of passenger car motor oils for chain stretch. The panel further agrees to request the ASTM facilitator to submit the procedure to ASTM Subcommittee B for ballot and ASTM acceptance.
- Motioner – Al Lopez
- Second – Rich Grundza
- 12-0-0
- Motion Passes

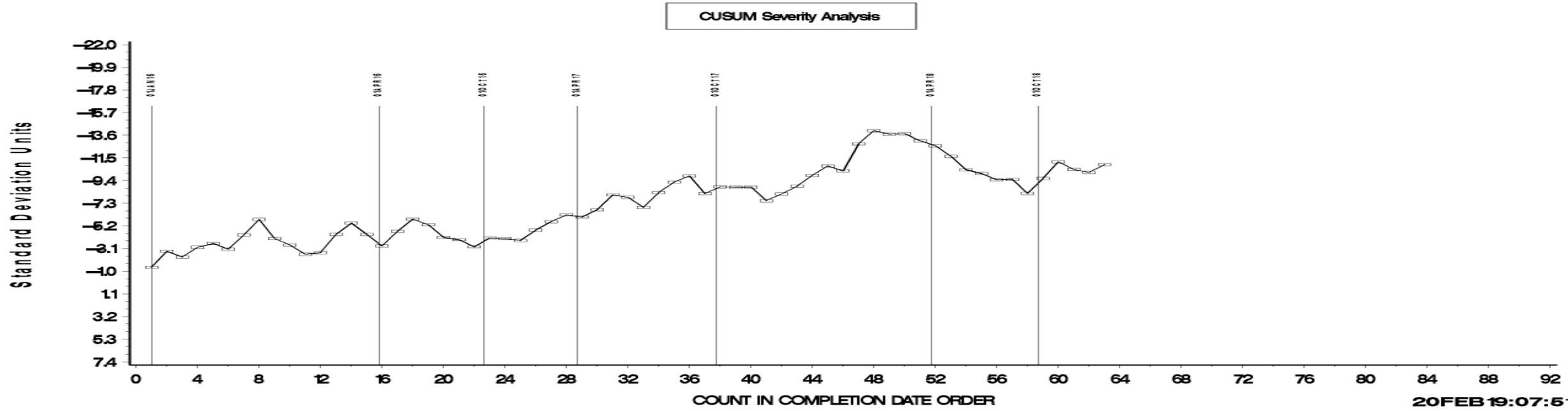
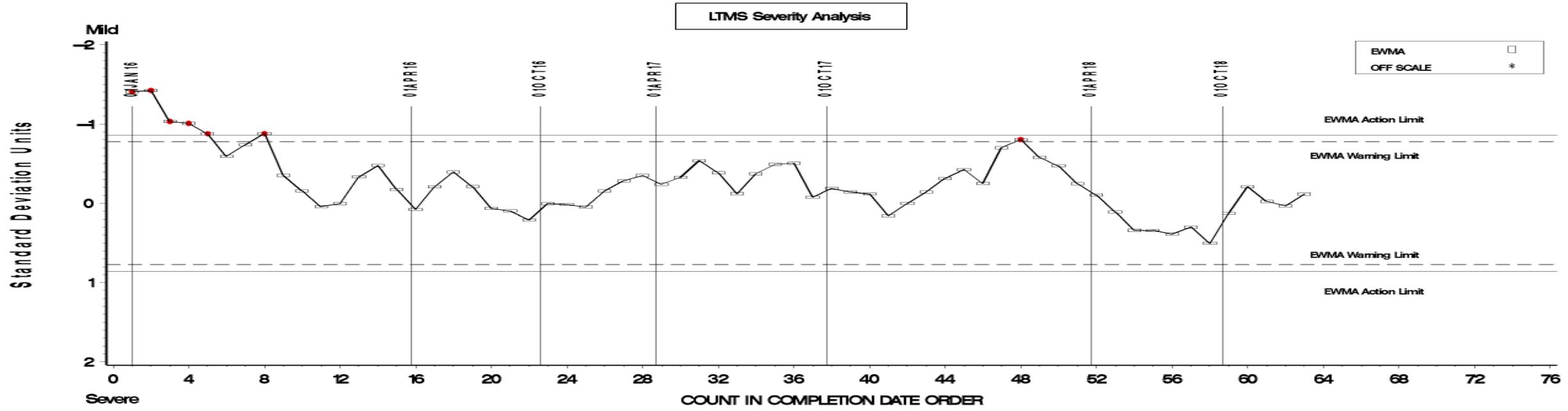
Sequence X TMC Activity

October 2018 to Present

Summary of Calibration Activities Since October 2018

- 5 results from 2 labs, all resulted in calibration
- Precision in line with historic levels
- Industry Control charts show test in control.
- Sufficient quantities of reference oils available for the foreseeable future.

END OF TEST CHAIN WEAR FINAL RESULT

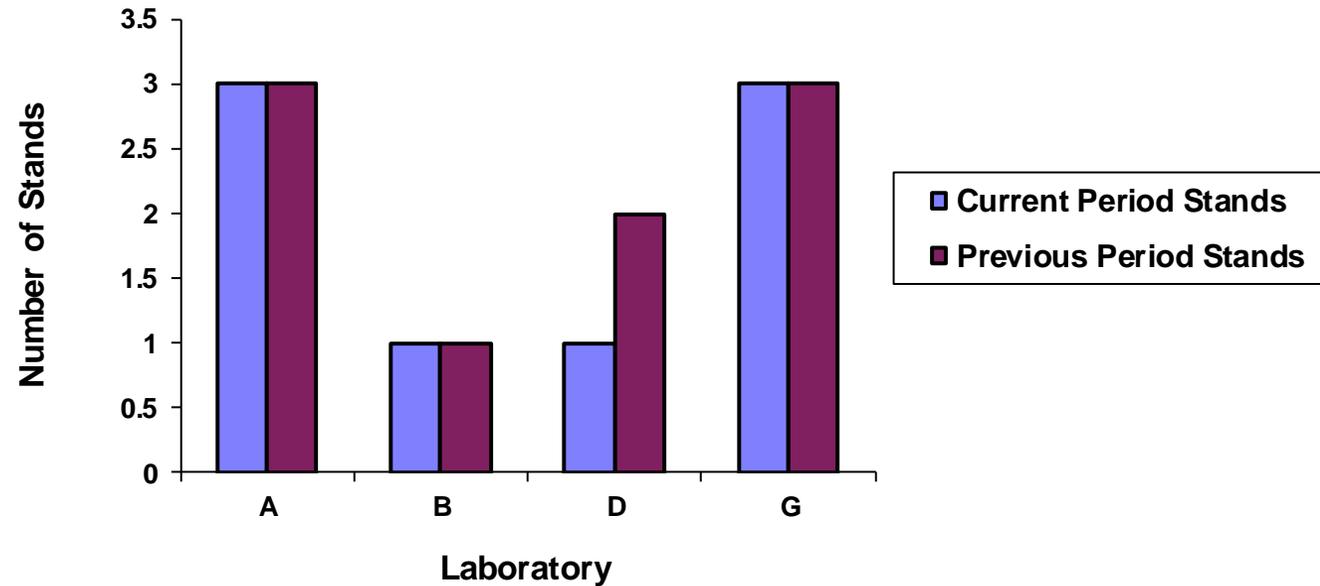


Sequence X S.P. Report

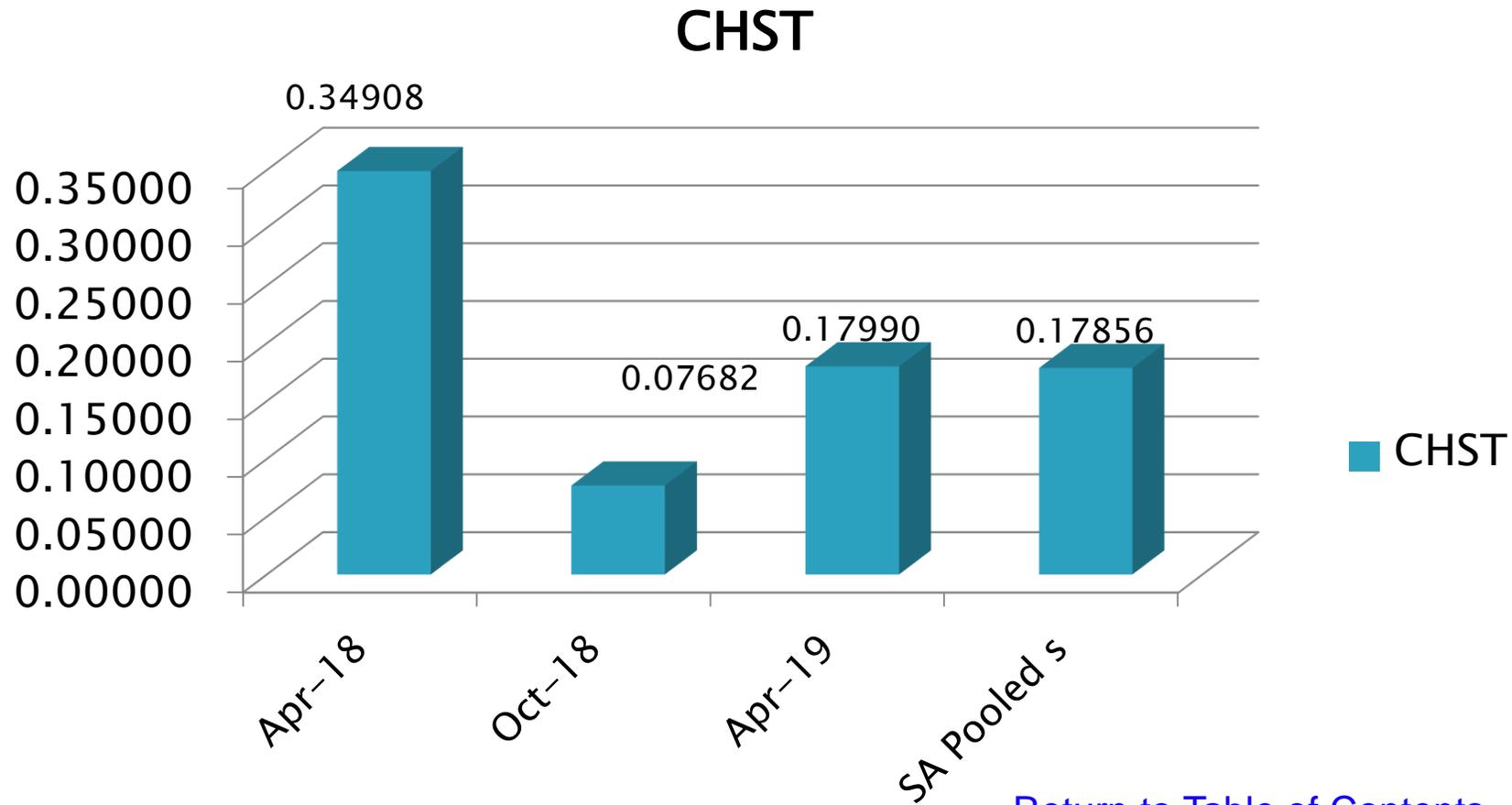
LTMS Laboratory/Stand Distribution

	Reporting Data	Calibrated as of 2/20/19
Number of Laboratories	4	4
Number of Stands	8	8

Laboratory/Stand Distribution



Sequence X Precision Estimates

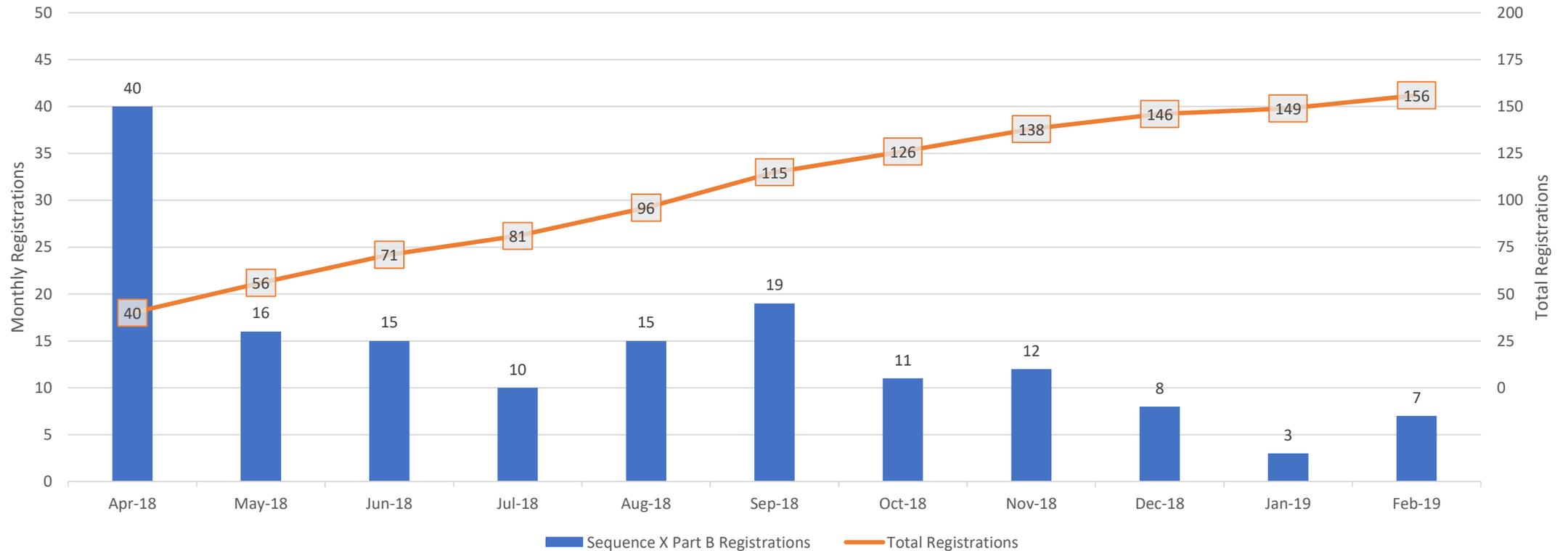


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Sequence X S.P. Report Candidate Test Activity

Sequence X Part B Registrations through 20190219

Registration began on April 2, 2018 with retroactive registration March 19, 2016 - April 2, 2018



Sequence X S.P. Report Reference Oils Status

- 271 SAE 5W-30 passing reference oil (5yr)
- 1011 SAE 0W-16 (2yr)
- 270 SAE 5W-30 failing reference oil (5yr)