

June 21st 2018 Sequence V Surveillance Panel Call to Discuss New Fuel Batch

Afton: E. Altman

Ford: R. Romano

GM: B. Cosgrove

Haltermann: M. Overaker, P. Tumati

Infineum: D.Boese, C. Leverett, A.Ritchie

Intertek: A. Lopez

Lubrizol: J. Brys, K. O'Malley

OHT: J. Bowden

Oronite: R. Stockwell, J Martinez

SwRI: C. Hudson, A.Chaudrey , Pat. Lang

TEI: D. Lanctot

TMC: Rich Grundza

Valvoline: Amol Savant

VP Racing: C. Taylor

Meeting Details: 1. Panel reviewed the details of the contract as they pertain to the ASTM Surveillance Panel activities. See attachment.



Sequence V SP Fuel
Contract Items.pdf

2. Haltermann Update

- Raw materials expected to be in tank within 3 weeks.
- Fuel estimated to be available to labs August 1st

3. Labs report on current fuel inventory

- IAR estimated to be out by end of September
- SwRI estimated to have fuel until end of this year at current run rate
- Afton and LZ estimated to be out end of September
- Valvoline estimated to have fuel until end of this year at current run rate

4. Labs readiness to start fuel matrix

- IAR ready
- SwRI ready
- Afton currently running reference expects to be ready but will continue to run candidate oils until fuel is received

5. Matrix Review

- 3 Labs (IAR, SwRI & Afton), 15 tests
- Revised Matrix Table (6/21/2018)

Lab	A		B		C
Stand	1	2	1	2	1
Run 1	940	1011	940	1011	940
Run 2	940	940	1011	1011	1011
Run 3	1011	1009	1009	940	1009

6. Reference Oil Availability

- 1011 available at labs
- 940 available at labs
- 1009 available at labs but in short supply, 1009-1 will need to be introduced following the approved Fuel Matrix
- There is currently 1 reference running on 1009-1 and, as in the past, the initial runs will use the existing reference oil targets.

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7. Estimated Timeline for Fuel Matrix completion

- Start engine tests August 1st
- Best case scenario the tests are completed in September
- Statistical Analysis will need to be conducted and quickly reported out.
- Best case; Fuel Approved October

8. Chairman will report the situation with the new fuel batch to the PCEOCP next week in Phoenix and convene regular SP calls until the new fuel is approved.