

## Sequence V Surveillance Panel Meeting June 22<sup>nd</sup>, 2022 1:30 PM EST, via Webex

### Roll Call:

Afton: T. Dvorak, B. Maddock  
ExxonMobil: A. Meier, A. Montufar  
Ford: M. Deegan  
General Motors: B. Cosgrove, M. Hopp  
Haltermann: P. Tumati  
HCS Group: I. Gabrel  
Infineum: D. Boese, C. Laufer, A. Ritchie (Chair)  
Intertek: J. Franklin, A. Lopez  
Lubrizol: A. Stevens  
Oronite: J. Martinez, R. Stockwell  
Shell: J. Hsu  
Stellantis: H. Tang  
SwRI: D. Engstrom, P. Lang, M. Lochte  
TEI: D. Lanctot  
TMC: R. Grundza  
Valvoline: A. Savant

### Meeting Summary:

- Haltermann reported that in adjusting RVP of the new fuel batch, the carbon number is off spec. Once both RVP and carbon are in spec, Haltermann will then scale up and finish the blend week of June 27<sup>th</sup>, with best estimate for delivery after July 4<sup>th</sup>.
- After discussion with the sponsoring OEM, the Chair requested the group to defer setting the 940 target until after ASTM week. No objections were raised.
- The stands for the fuel matrix at the 2 independent labs have been identified.

### Open Actions:

1. From [March 26<sup>th</sup>, 2021 meeting](#): **Lab engineers** to meet to investigate severity shifts (share operational data, build data, ratings, etc.). The TF has been productive and meeting frequently.
2. From [Sept 9<sup>th</sup>, 2021 meeting](#): **Statisticians Group** led by Doyle Boese (Infineum) to provide update around potential ways to improve current lab-based system. Interim recommendation is to not adopt a stand-based system.
3. From [Sept 9<sup>th</sup>, 2021 meeting](#): **Haltermann** to report monthly inventory via email to V SP. Monthly updates are being provided.
4. From [Nov 29<sup>th</sup>, 2021 meeting](#): **Haltermann** to include extra column in fuels data to indicate which fuel goes with which test.
5. From [February 10<sup>th</sup>, 2022 meeting](#): **The VH Task Force** to assess number of parts remaining as it relates to the life of the test.
6. From [February 10<sup>th</sup>, 2022 meeting](#): **Haltermann** to report average time it takes for them to respond back to the labs with RVP data.
7. From [February 10<sup>th</sup>, 2022 meeting](#): **The VH Task Force** to discuss the lab responsibility to measure the fuel parameters as received (section 8.2) vs the use of the CoA.

8. From [May 16<sup>th</sup>, 2022 meeting](#) and [June 2<sup>nd</sup>, 2022 meeting](#): **Bob Campbell** and **Andrew Stevens** to consider if their labs, Afton and Lubrizol respectively, would be willing to participate in helping Angela come up with a more realistic forecast number for the VH.
9. From [May 23<sup>rd</sup>, 2022 meeting](#): **Haltermann** to communicate the fuel status through the next few weeks. Ex: Labs need to know delivery dates so they can make sure clean tanks are ready.
10. From [May 23<sup>rd</sup>, 2022 meeting](#): **IAR, SwRI, and Afton labs** to let group know about stand options (as per Amol Savant's comments from prior meeting, see page 4 of [May 16<sup>th</sup> minutes](#))
11. From [May 23<sup>rd</sup>, 2022 meeting](#): **Haltermann** to coordinate with the labs to collect RVP data of the new fuel.
12. From [June 2<sup>nd</sup>, 2022 meeting](#): **Fuel contract team** to discuss the fuel matrix changes and send back to the panel for review by June 13<sup>th</sup>, the expected date the CoA for the new fuel batch would be ready.
13. From June 13<sup>th</sup>, 2022 meeting: **Haltermann** to schedule a meeting with the labs to discuss how the remaining 12k gallons of current batch of fuel is allocated. ← **COMPLETED**
14. From June 13<sup>th</sup>, 2022 meeting: **Haltermann** to send to the group: the CoA of the new batch of fuel when it is available, along with the CoA of the current batch of fuel for comparison.
15. From June 13<sup>th</sup>, 2022 meeting: **The Chair and TMC** to present the RAC issue to ILSAC at their next meeting on June 21<sup>st</sup>. ← **COMPLETED**
16. From June 13<sup>th</sup>, 2022 meeting: **TMC** to present the RAC issue to the dexos committee at their next meeting on June 21<sup>st</sup>. ← **COMPLETED**
17. From June 22<sup>nd</sup>, 2022 meeting: **Afton lab** to share stand selection when available / ready for their fuel matrix test.

Next call: Monday, July 11<sup>th</sup> at 2 PM EST via Webex

### **Meeting Details:**

Prasad Tumati (Haltermann) updated the group that in adjusting the RVP, the carbon number (C:H ratio) went up and is now off spec. Joe Franklin (Intertek) confirmed that it makes sense that adding lighter ends to correct for RVP would lead to a higher C:H ratio. Haltermann is now trying to optimize carbon and RVP via hand blend and if good, will then scale up. The plan is to finish the blend next week. Prasad also informed the group that all of the remaining current batch is allocated now. Best estimate for delivery is after July 4<sup>th</sup>.

The Chair reported that he and Rich Grundza (TMC) briefed ILSAC yesterday. He spoke with Mike Deegan (Ford) this morning and is asking the group to defer setting the 940 RAC targets until after ASTM week. Case for resetting the targets is technically compelling that the SP will ultimately wish to take. The Chair recognizes that some on the call think it's overdue to reset the targets but given the situations we've run into, we would like to defer the motion until after ASTM week. Al Lopez (Intertek) commented that 2 weeks is not going to alter anything and that the fuel will be tested even without the math. The targets do need to eventually be reset but agreed that we can talk about it in a couple weeks.

Re: stand selection:

- Al Lopez (Intertek) announced that he has identified 2 stands: G1 (86) and G3 (97)
- Dan Engstrom (SwRI) shared that 2 stands have been identified: A2 (9) and A3 (12)

- Ben Maddock (Afton) will share his stand when the time approaches for Afton testing.

The Chair will send out the semi annual report by early Monday and asked the group for any feedback before the PCECOP meeting next week. No other old or new business was raised before early adjournment.

Meeting adjourned at 1:49 PM EST.