

**Sequence VH Surveillance Panel Call
November 7, 2024, Webex**

Roll Call:

Afton:	B. Maddock, A. Stone
Ford:	M. Deegan
GM	T. Cushing
Haltermann:	W. Hairston, E. Hennessy
Infineum:	J. Anthony, T. Dvorak, A. Ritchie (Chair)
Intertek:	A. Lopez
Lubrizol:	T. Catanese
OHT:	J. Bowden
Oronite:	R. Stockwell
Shell:	J. Hsu
SwRI:	D. Engstrom, T. Kostan, P. Lang
TEI:	D. Lanctot
TMC:	R. Grundza
Valvoline:	A. Sawant

Chair's Comments

- Meeting minutes from 10/24 are posted.
- Chair Ritchie started the meeting and outlined the agenda items:
 - 1) Fuel Inventory & New Batch Status
 - 2) ICF proposal
 - 3) Old Business
 - 4) New Business

Fuel Inventory & New Batch Status

Test Stand Activity:

- IAR ran 6 tests in October.
 - Ordered another tanker of fuel, which is 10 tests, and will order another load in December.
 - IAR has 3 tests worth of fuel on site and will start running on high-gravity fuel in November.
- Lubrizol will receive drums of high gravity fuel next week and will run a fuel dilution experiment and calibration test November.
- SwRI has 4-6 weeks of test fuel on site.
 - SwRI ran 6 tests in October.
 - Plans to run 8 tests in November after bringing a 4th stand online.
- Valvoline has not run any tests recently and does not have any tests scheduled.
- Afton is running 4 tests/month.
- Industry is at capacity, about 14 test per month and could go up to 20 tests/month with new stands coming online.

New Fuel Batch Status:

- Haltermann has sent the contract.
 - Afton, IAR, SwRI, and Valvoline have signed the contract.
 - Lubrizol is waiting on Procurement.
- Batch is being blended in new tank.
- Should be ready for matrix by late November.

Precision Matrix Discussion

- IAR asked if stands need to be calibrated for the Precision Matrix tests.
- TMC stated that the Precision Matrix tests have only been tested on calibrated stands.
- SwRI wants to wait until 2025Q1 to start precision matrix because of high 2024Q4 demand, IAR wants to start now.
- It was proposed to start running the first row of the test matrix, Table 1, in December, starting with Lab A & G running 940 tests first.
 - Statisticians prefer running 931 and 1011-1 first to get chartable data sooner than later.

Table 1. Panel-Approved Test Matrix

Two 940 tests, some within-stand repeat data included					
A1	A2	G1	G2	D	B
940	931	940	1011-1	1011-1	931
1011-1	1011-1	931	931	931	1011-1
931	-	1011-1	-	1011-1	931

Extending Calibrations Discussion

- Chair asked if it is preferred to extend the calibration stands or keep the same calibration time frame
 - Scheduled calibrations
 - One early-January
 - One late-January 31
 - 2 mid-February
 - the March and April.
- The N-batch fuel will be nearly exhausted by the time the next round of referencing is required.
- Estimated that about 20 test worth of N-batch fuel will be left after the current stands require calibration.
- IAR recommends extending the calibration period until the N-batch fuel supply is exhausted.
- TMC prefers waiting until a calibration extension is required to make a decision rather than decide now.
- Afton proposed extend calibrations for stands that are running the new fuel batch precision matrix, but require other stands calibrate on schedule.
- IAR does not believe it is necessary to calibrate stands once the new batch is available.
- Infineum believes that the new fuel batch is an unknown, so calibration decisions should be made when the new fuel batch data is available.
- SwRI will not calibrate again until February

- Prefers calibration extensions
- It was agreed that the SA's should be reset when the new fuel is approved.

ICF Discussion

- Afton presented ICF options,
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Option 1: Do nothing and allow the SAs to carry the fuel severity for the remainder of the fuel batch.

Option 2: Implement an AES ICF of 0.36 for fuel batch lots N-000010-11 and later. Total adjustment (ICF+SA) will be capped at 1.8 standard deviations, which would be 0.90 for AES.

- This analysis is excluding the 3 recent extreme results.

Option 3: Implement an ICF of 0.64 for AES, an ICF of 0.14 for AEV50, and an ICF of -0.23 for RAC (transformed) for fuel batch lots N-000010-11 and later.

- This analysis is including all valid AC, AF, and OC results.
- This option is not recommended by the statistics group.

- The stats group decided not include all of the data because if you include all of the data because an extremely severe result will bring down the average more than is realistic.
 - Oronite & IAR do not agree that the references considered outliers may be outliers to compared to historical data, but not given the current the conditions.

Motion by Afton to vote for Option 2: Implement an AES ICF of 0.36 for fuel batch lots N-000010-11 and later.

Seconded by Ford

Chair calls for a vote

Afton:	B. Maddock,	Approve
Ford:	M. Deegan	Approve
Haltermann:	W. Hairston	Approve
Infineum:	J. Anthony	Waive
Intertek:	A. Lopez	Approve
Lubrizol:	T. Catanese	Approve
OHT:	J. Bowden	Waive
Oronite:	R. Stockwell	Approve
Shell:	J. Hsu	Negative
SwRI:	D. Engstrom	Approve
TEI:	D. Lanctot	Waive
TMC:	R. Grundza	Approve
Valvoline:	A. Sawant	Approve

Shell voted No because,

1. The ICF benefits future candidates that would have failed before this ICF is applied.
2. The vote is only on Option 2 and not the other 2 options.

Valvoline reminded the panel that any new rule does not go into effect for 2 weeks after it passes.

Old Business:

New Business:

The meeting ended at 10:30

Next meeting in San Antonio F2F, November 20, 2024.