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**COMMITTEE D02 on PETROLEUM PRODUCTS, LIQUID FUELS, AND LUBRICANTS**

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## SEQUENCE IX SURVEILLANCE PANEL

Date: 6 Mar 25

### ATTENDANCE

|          |                                                           |
|----------|-----------------------------------------------------------|
| SWRI     | Christine Eickstead, Khaled Rais, Pat Lang, Travis Kostan |
| INTERTEK | Jason Soto, Al Lopez                                      |
| LUBRIZOL | George Szappanos,                                         |
| AFTON    | Amanda Stone, Ben Maddock                                 |
| INFINEUM | Todd Dvorak, Chris Tonstad, Joe Anthony                   |
| TMC      | Sean Moyer, Wes Venhoff                                   |
| ORONITE  | Robert Stockwell, Ricardo Affinito                        |
| SHELL    | Jeff Hsu, Seth Demel                                      |
| FORD     | Mike Deegan                                               |
| TOYOTA   | Venkat Deshpande                                          |
| TEI      | Dan Lancotot                                              |
| OHT      | Jason Bowden                                              |
| IMTS     | Sid Clark                                                 |

## ATTACHMENTS:

➔ A: Meeting Agenda

## MEETING:

**Attendance. See table above.**

**Motion to approve minutes from last SP meeting (20 Nov 24), Khaled. Deegan. seconds. Approval unanimous.**

Action – Khaled to call Task Force meeting for calculations

Fuel Supplier Update – no one on call from Halterman

TMC – Wes not up to speed yet.

Khaled presents the presentation from Rich

Aged oils, API0-1, API02-2, do not have original blends at all

Todd (stats) – silver lining: these oil are more discriminating, but not really used for SAs.

Khaled and Christine – still have to pass the references

Todd – sufficient enough sample size, could update the targets for this

Christine – send over to the stats group to look into for next meeting. Khaled to email Todd.

Todd – if no one has trouble referencing, not really urgent

Christine – no, we are having trouble passing these oils. Please look at this soon.

Khaled – so we have a lot of the blends? 6.5 drums of each. So, 40ish tests. So, few years left.

Reblend of 221-1

Khaled – lab's retains of 221? George – don't know, ben – don't know

Action – labs report back on retains of 221 or 221-1

Jason – none of either left

Khaled – SwRI does have quite a bit. So could run more donated runs, if that's the route we want to go.

Pat – so how do we move forward>

Khaled – don't have original blend, new blend is already in use.

Sean moyer – just stuck with what we have. So just run with this as live oil, maybe set new targets

How much data do we need?

Todd – min of 5 or 6 results and unfortunately, a couple of these results look strange. So maybe 4 more.

George –

Jason – rich was trying to get back-to-back runs, IAR did this

George –

Christine – do we need back to back runs? If don't have original blend? Or just generate data on new blend and evaluate targets from there

Khaled – so treat new blends as live, and wait for more data to evaluate targets

George – happy to run donated test as long as period is extended

Swri – that was done for us and assumed for IAR as well

Pat – rouge test was only one iteration that was off. Think the oil will be okay.

Afton – check retains, if have, run them prior to reblend. George – same here. Jason – just give TMC a heads-up so they assign the appropriate oil

George – plans to run back-to-back soon-ish

Hardware –

Sid – min order quantity? 60 pieces / 15 engine sets. Would like to talk to labs involved and place order by end of March. Contact Sid quickly if like to participate.

George – should we consider this a lifetime buy? Sid – yes, would like to look at this as a lifetime buy through the categories

Pat – actions from last meeting?

Khaled – contact AVL and find out if grounded whatever action is needed, put in procedure

Christine – chance picture in procedure. Treat as procedure clarification (editorial), on p 47 – replace picture with thingy not checked.

Sean – will still need IL. Khaled – to send picture to Sean, Sean will generate IL

Stockwell – what if it does have an effect? Khaled will check with AVL – assuming it has no effect, will change procedure. If does effect, will bring back to the group before any procedure changes.

Filters – George – think we are all clear on what filters we are using, need to clarify procedures. IL? Or need a motion?

Sean, yes, IL and motion

Kheled – can't make X motion here, can make motion for

George – filter is in the aged procedure, but not in the IX procedure.

Motion 3:

New business:

Jason – 2018s with newer pistons – can use with aged? Pistons – AA and CA STDs

Christine – don't see a problem with that. Obviously bring in on reference.

Jason – motion

Todd – would rather we set targets before introducing new hardware

Next meeting: ~month

## **AGENDA**

### **ASTM D8291 Sequence IX Surveillance Panel (Teams)**

Khaled Rais – Chairman

Wednesday, March 6, 2025

1. Attendance
2. Chairman's Comments
3. Approval of Minutes from Last Meeting
4. Review of action items from last meeting (Khaled Rais)
5. Fuel Supplier Report (Haltermann)
6. Oil Introduction
  - 6.1. LTMS Update (Rich Grundza)
  - 6.2. IX Aged Oils (API-01-1 and API-02-1) Update
  - 6.3. 221-2 Introduction (Rich Grundza)
7. Hardware
  - 7.1. IMTS Piston Min Order Quantity (Sid Clark)
8. New Business and Discussion
  - 8.1. Other items from the panel
9. Next Meeting: Will be at the call of the chairman.