

**Cummins Surveillance Panel Teleconference  
January 17, 2019 10:00 – 11:00 EDT**

**Attendance:**

Sean Moyer - TMC  
Nick Ariemma, Kevin O'Malley - LZ  
Christian Porter - Afton  
Jose Starling - SwRI  
Jim Moritz, Andrew Smith – Intertek  
Marnix Torreman, Mark Cooper - Chevron Oronite  
Dan Lanctot – TEI  
Phil Shelton, Ryan Denton – Cummins  
Jim Gutzwiller, Elisa Santos – Infineum  
Cliff Salveson – ExxonMobil

**Agenda:**

- Quick ISB hardware update from Cummins
- ISM reference of the new batch of Injector Adjusting Screws
- CalTerm Issues

**1) ISB hardware update from Cummins**

Cummins has not gotten an official date from supplier and purchasing is working to get date information from the supplier. Phil indicated that his estimate to have camshafts at TEI would be in early March. Production engine volume is keeping supplier from interrupting production to build the camshaft batch. Cummins is working to resolve the issue and has impressed upon the supplier the implications to the industry.

Labs were asked whether they were willing to update the panel on their parts status. Lubrizol indicated they should have parts until the new batch is available. SwRI ran out of camshafts in December. Intertek is expecting to run out in February.

Jim Moritz reviewed the test availability document that is posted on the TMC website. Test does not need to be declared unavailable until all labs (independent and dependent) are out of parts.

**2) ISM reference of the new batch of Injector Adjusting Screws**

Kevin O'Malley reviewed the attached presentation on the 2 recently completed ISM tests on 830-2 and the new IAS. Jim Moritz pointed out that injector adjusting screws are a non-critical parameter

for reference tests and that we really need to worry that the correction factor for IAS is correct for candidate tests and based on the 2 tests so far the screws appear to be the same as the last batch. Christian Porter motioned that the panel direct the TMC to chart the 2 tests for reference status. Jose Starling seconded. The motion carried unanimously.

### **3) CalTerm 3 Expiration**

There are concerns with CalTerm 4 not connecting to the engine. Is it possible to get CalTerm 3 supported indefinitely for the labs? Phil indicated he would check but suspected Cummins would not be willing to support a separate version. Marnix said that he has a working CalTerm 4 Version 4.3.1.011. The E2M files needed to be modified slightly to get them to work with the new version but with local Cummins support he was able to get CalTerm 4 to connect to the ISM.

### **4) New Business**

Phil Shelton would like to have a discussion about the number of kits needed for the year. Labs can forward on the information to Jim or Sean and it can be sent on to Phil to try to eliminate shortages.

Meeting adjourned at 11:14 EDT.



# Cummins ISM Reference Data Plots

January 2019

Kevin O'Malley

Statistical Consultant

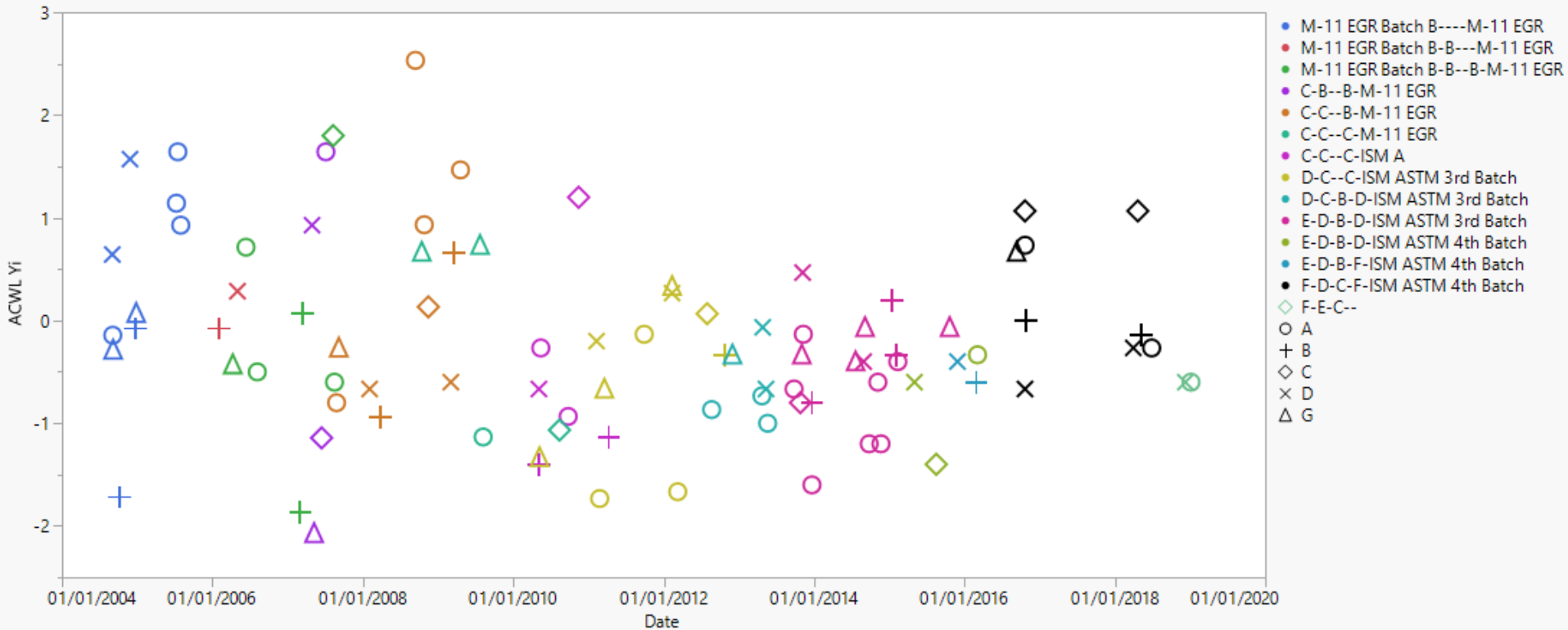
The Lubrizol Corporation

Analysis includes chart="Y" data prior to 6/28/2018

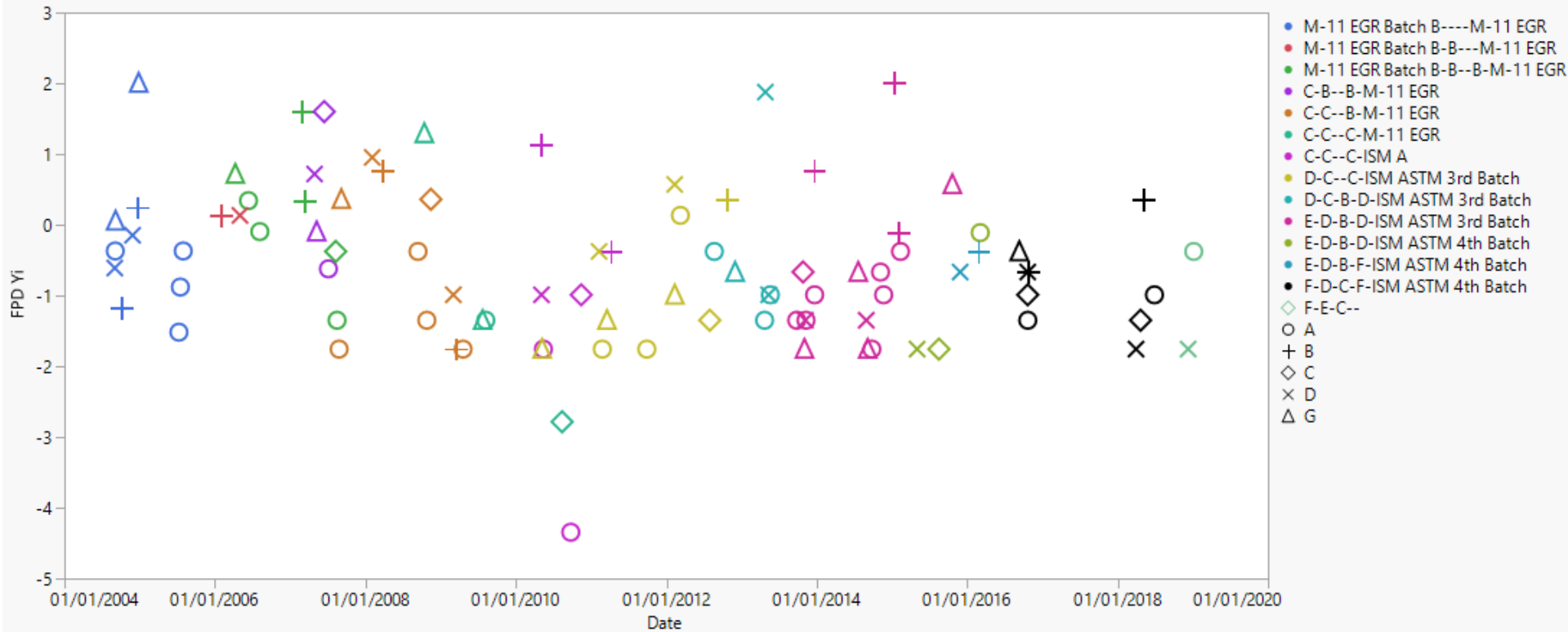
+

Additional recent tests:

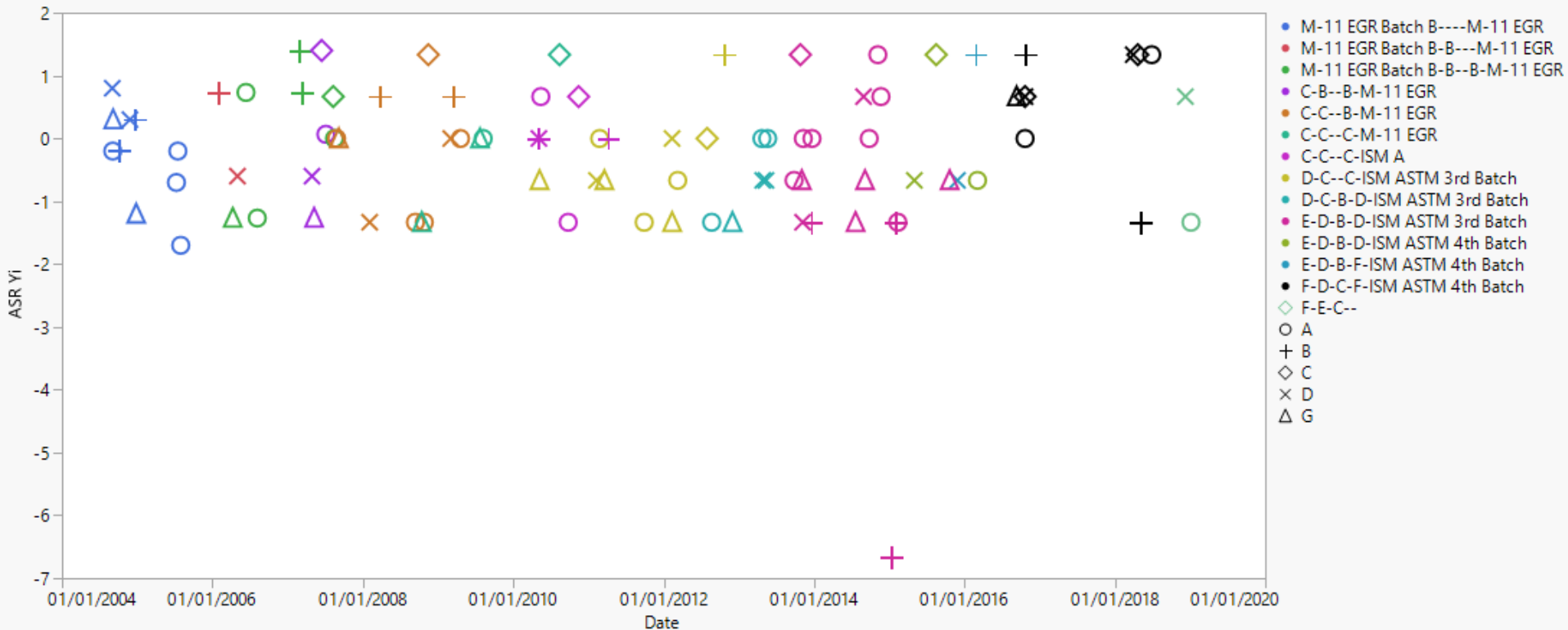
LTMSAPP	LTMSLAB	TESTKEY	LTMSDATE	VAL	IND	CRHDBID	IASBID	IPRBID
1	D	119938-ISM	20181209	PC	830-2	F	E	C
2	A	120057-ISM	20190105	PC	830-2	F	E	C



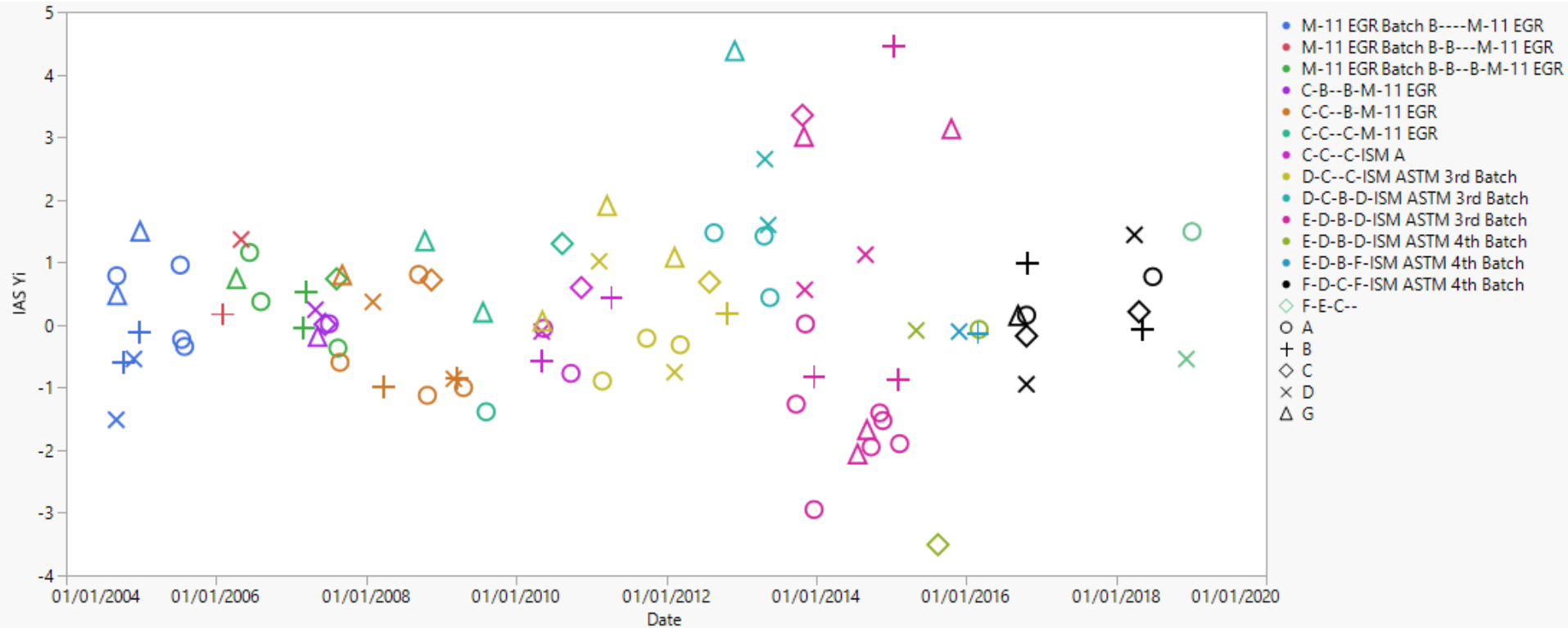
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## Working together, achieving great things

When your company and ours combine energies, great things can happen. You bring ideas, challenges and opportunities. We'll bring powerful additive and market expertise, unmatched testing capabilities, integrated global supply and an independent approach to help you differentiate and succeed.

# ASTM Sub Committee B Test Availability Guidelines

## BACKGROUND

The ASTM Technical Guidance Committee has approved the following guidelines to assist surveillance panels in the notification of when a specific test may be available or unavailable for testing purposes. The intent is that all stake holders are informed in a timely manner of any possible continuation/disruption in test availability.

## GUIDELINES

Each surveillance panel is responsible for ensuring adequate supplies of acceptable test components, fuel, or any other item necessary to conduct a test. If a condition arises that would prevent a laboratory from procuring materials to conduct a registered or reference oil test, the surveillance panel chairman should be notified immediately. The surveillance panel is to then meet and discuss possible redistribution of the resource, alternative suppliers, etc. to help resolve the procurement issue. If no resolution is found the surveillance panel chairman is to inform at a minimum the stake holders shown below under the heading notification list. It is hoped in situations when a test is facing a shortage of material(s) that immediate notification can focus industry expertise on finding suitable replacements and or develop/initiate protocol to handle approval of oils. In the case of sole-source/critical parts, it is advisable that the surveillance panels establish an equivalency testing protocol in anticipation of the event that material can no longer be procured. If material procurement conditions change enabling a registered or reference oil test to be run the surveillance panel chairman is to also immediately notify stake holders.

For ASTM Test Monitoring System purposes a test is deemed available as long as one calibrated laboratory (independent or dependent) is able to run tests.

## Notification List

Organization	Position
ASTM	D02.B0 Chairman
	Test Monitoring System Executive Committee Chairman
	Test Monitoring Center Director
	PCEOCP Chairman
	HDEOCP Chairman
	D02.B0.01 Chairman
	D02.B0.02 Chairman
	D02.B0.03 Chairman
	D02.B0.07 Chairman
	Membership of Effected Surveillance Panel
ACC	Product Approval Protocol Task Group Manager
	MAAG Chairman
API	EOLCS Manager
	EOLCS Chairman
Auto Alliance	
JAMA	
EMA	EMA Staff
API	AOAP Chairman
API	DEOAP Chairman
ACC-MA	Manager

## Notification

From the TMC website (<http://www.astmtmc.cmu.edu/TestStatusNotification.aspx>) a notification email can be generated with the current notification member emails. Surveillance Panel Chairs will need to append a letter describing the situation using the current D02 letterhead (a link is on the TMC notification page) and a notification comment to the body of the email prior to sending.