

# LSPI Task Force

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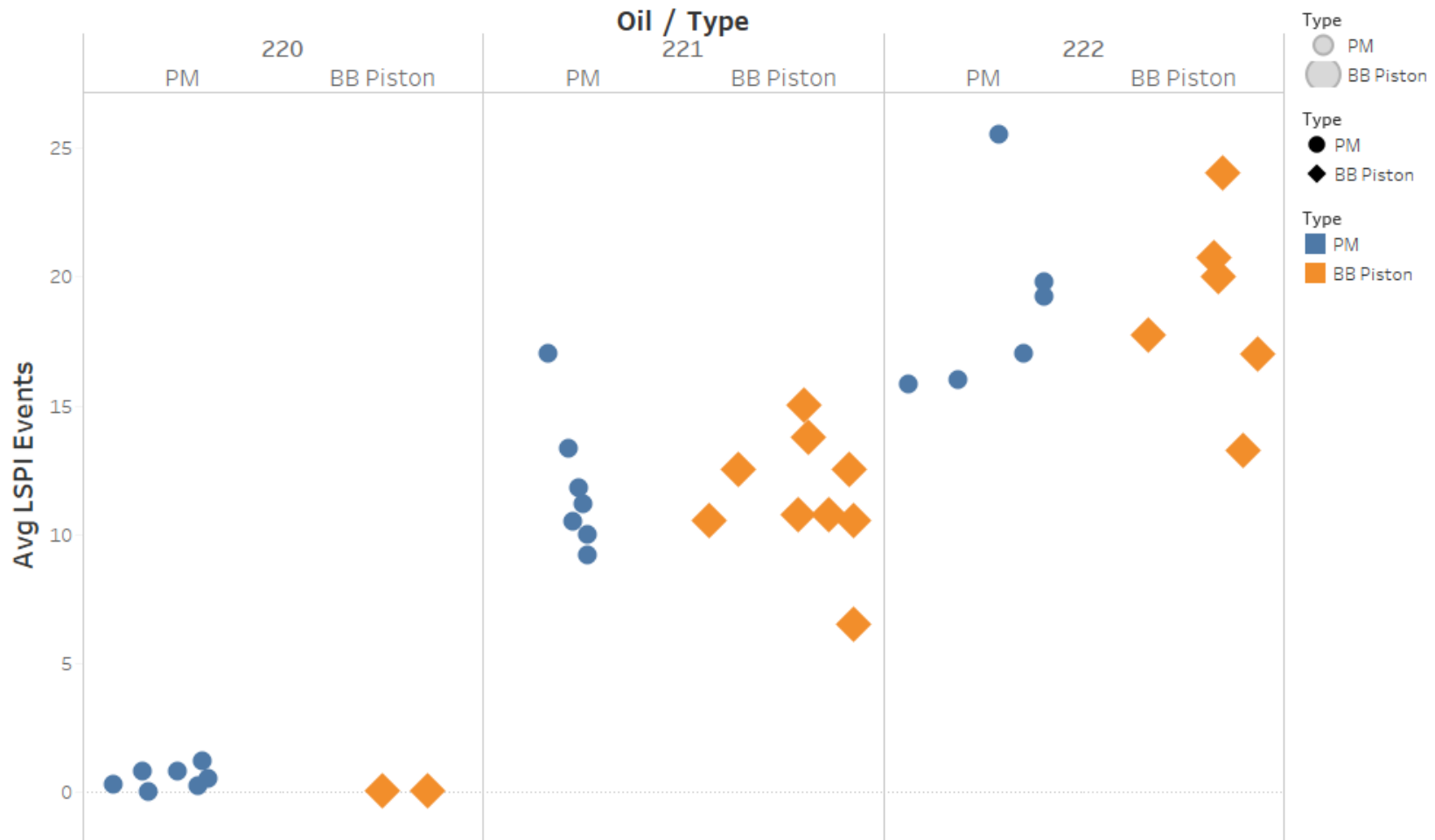
# Agenda

- Review BB Piston Results
- Discuss information request from ACC
- Discuss availability of BB Pistons



# LSPI BB Piston Results vs PM

Sheet 4



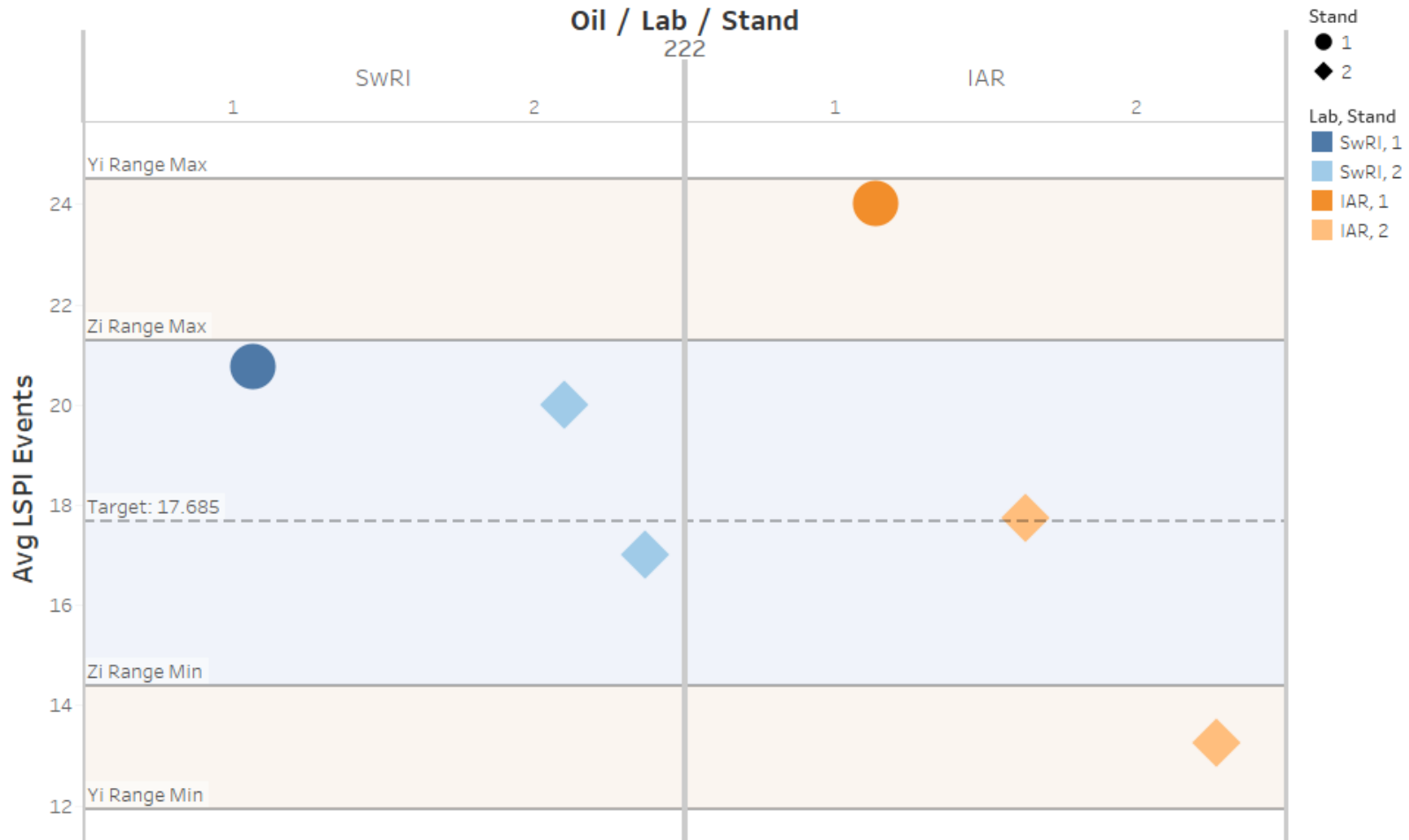
# All BB Piston Tests

LTMSLAB	LTMSAPP	TESTNUM	IND	TOTNOPRE	AVPIE
A	1	4-1-24-99	221	15	15
A	1	4-2-24-100	222	20.75	20.75
A	1	4-8-24-106	221	10.5	10.5
A	2	2-1-23-87	221	43	10.75
A	2	2-2-23-88	221	55	13.75
A	2	2-3-23-89	222	80	20
A	2	2-4-23-90	220	0	0
A	2	2-10-23-96	222	17	17
G	1	62-0-210	220	2	0.5
G	1	62-0-211	221	46	11.5
G	1	62-0-212	221	42	10.5
G	1	62-0-214	222	96	24
G	1	62-0-215	221	43	10.75
G	1	62-0-216	221	26	6.5
G	2	60-0-199	221	50	12.5
G	2	60-0-200	222	71	17.75
G	2	60-0-201	221	56	14
G	2	60-0-202	220	0	0
G	2	60-0-207	222	53	13.25
G	2	60-0-208	221	50	12.5



# LSPI BB Piston Tests, Oil 222

Sheet 5





# Questions from ACC

## ACC Product Approval Protocol Task Group (PAPTG)

1. At what date were industry stands calibrated using the current approved LSPI test procedure?

2. Did any substantive changes occur after the date of stand calibration that would disqualify a test to be registered? i.e. with the occurrence of three different piston batches, are tests using each batch valid and acceptable for registration?

New engine batch had BB and BC pistons. Only BB pistons have been approved for testing.

3. Are sufficient parts available for the projected life of the LSPI test?

Yes.

4. What will the official name of the test be? Will it be named Ford LSPI or an assigned Sequence number?

A sequence number will be assigned. We will need an ASTM number. Bill Buscher will find out.



# BB Piston Availability for LSPI

Discussion





# Motion I

Made: Felt Mounce

Seconded: Al Lopez

2016 “BB” pistons with 2016 blocks and 2014 rings are acceptable for use. Reference oil tests conducted for prove out of the BB piston hardware and any additional BB hardware tests will be included in the control charts for calibration purposes.

Motion Passes unanimous with three waives



# Motion 2

Made: Ed Altman

Seconded: Felt Mounce

Official LSPI calibration will start on 05/05/2016 for stand/engines that completed calibration testing following the criteria included in the LSPI LTMS document dated 4/7/2017, using the latest LSPI test procedure and 2014 batch controlled engines with AC2 pistons.

Yes: 4

No: 5

Waive: 5

Motion Failed



# Motion 3

Made: Felt Mounce

Second: Al Lopez

Official LSPI calibration will start on 08/15/2017 for stand/engines that completed calibration testing following the criteria included in the LSPI LTMS document dated 4/7/2017, using the latest LSPI test procedure and approved hardware.

Motion Approved, unanimous with 2 waives.



# Actions

1. Review LTMS file and check validity and charting codes. What codes are going to be used for Post-Precision Matrix tests conducted on original batch hardware (AC2 pistons and 2014 engines) – Rich Grundza
2. Bill Buscher to follow up on sequence number assignment
3. Development will work with TMC on finalizing the test procedure and will take to the task force for approval. Set meeting within the next two weeks.