



Ford 6.7L VTW Test

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Agenda

1. Action Item Review
2. Reference Testing Updates
3. Critical Parts List
4. PC10 vs D975 Fuel
5. AOB

Action Items Review

- Reference Oil Supplier New Blend Update
 - Labs and TMC to ensure current reference oil supply (FVTW3-1) is appropriate
- LTMS Update to only include latest procedure runs
 - Once completed, action statisticians to review possible positional bias in wear vs location of rocker arms to decide how to bin rocker arms for Outlier Analysis
 - Add Outlier Analysis to procedure, report forms, and data dictionary
 - Update Report Forms with all additional updates previously agreed upon for transition to 175hr test
- Update on reference runs to complete “Matrix”
 - Action statisticians to review reference oil target and precision statement for procedure
- Critical Parts List Review
 - To be discussed today
- PC10 vs D975
 - To be discussed today

Reference Testing Updates

- Completed Reference Tests
 - FVTW3 = Borderline Oil
 - FVTW1 = High-Wear Oil

Lab	Stand	Reference Oil	Rocker Arm Wear Average, mg
G	1	FVTW3	102.8
A	4	FVTW3	120.5
G	2	FVTW3	94.7
G	1	FVTW1	206.1
A	2	FVTW3-1	117.1
A	4	FVTW3-1	135.4
A	4	FVTW3-1	111.3
B	2	FVTW3-1	138.4
A	2	FVTW3-1	139.4
G	1	FVTW3-1	106.6

- Expected Additional Reference Tests:
 - Lab B: 1 test to be reported
 - Lab D: 2 tests to be ran and reported
- Timing?
- Action:
 - Once completed, action statisticians to review for targets and precision statement

Critical Parts List Review

- Will forward the excel list with the meeting minutes for further review and discussion at next meeting

Part	Ford Service Part #
Left Rocker Arms	FC3Q6A585AD
Right Rocker Arms	FC3Q6A585BD
Left Side Head	PC3Z-6049-B
Right Side Head	PC3Z-6049-A
Push Rods	BC3Q6565AC
Tappet Assembly	BC3Q6500AE
Oilspraybar(R)	BC3Z6578C
Oilspraybar(L)	BC3Z6578D
Turbocharger	PC3Z-6K682-A
Oil Filter	MU2Z-6731-C
Crankshaft Assembly	PC3Z6303E
Piston	PC3Z6108D
Rings	PC3Z6148B
Wrist Pin	PC3Z6135A
Connecting Rod Assembly	PC3Z6200A
Connecting Rod Bearing Top	LC3Z6211A
Connecting Rod Bearing Bottom	LC3Z6211B
Main Bearing Top	LC3Z6333G
Main Bearing Bottom	LC3Z6333H
Main Bearing Thrust Washer	LC3Z6D309A
Camshaft	PC3Z6250B
Camshaft Bearing Kit	BC3Z6A251A
Camshaft Thrust Plate	BC3Z6269A
Oil Pump	LC3Z6600F
Piston Cooling Nozzle	LC3Z6K868C
Fuel Injector Kit A	PC3Z9H529A
Fuel Injector Kit B	PC3Z9H529B
Fuel Injector Kit C	PC3Z9H529C
Fuel Injector Kit D	PC3Z9H529D
Short Block	PC3Z6009B PC3Z6009D
Fuel Injection Pump Assembly	PC3Z9A543A
Fuel Pressure Regulator	LC3Z9C968A
Control (Volume Control Valve)	BC3Z9J307A

Fuels Discussion: PC10 and D975

- Presentation

Action Items and AOB

- Current Action Items:
 - LTMS Update to only include latest procedure runs
 - Once completed, action statisticians to review possible positional bias in wear vs location of rocker arms to decide how to bin rocker arms for Outlier Analysis
 - Add Outlier Analysis to procedure, report forms, and data dictionary
 - Update Report Forms with all additional updates previously agreed upon for transition to 175hr test
 - Reference runs to complete “Matrix”
 - Action statisticians to review reference oil target and precision statement for procedure
 - Critical Parts List Review
 - Members to review and provide feedback at next meeting if parts should be added or removed

- New Action Items:

- AOB?

Thank you