

**PC-11 T-13 Matrix Test Status  
January 12, 2015**

Matrix is completed and all data has been reported

	Lab	Intertek		Southwest		Afton	Lubrizol	ExxonMobil
	Stand	1	2	1	2	1	1	1
Test 1	Oil	D	E	B	F	B	E	D
	Start Date	9/21	9/18	9/15	9/17	9/16	9/18	9/23
	Reported to TMC	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Test 2	Oil	A	B	F	A	A	C	C
	Current Test Hours	Completed	Completed <sup>1</sup>	Completed	Completed	Completed	Completed	Completed
	Reported to TMC	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Test 3	Oil	C	F	A	C	E	A	B
	Current Test Hours	Completed	Completed	Completed	Completed	Completed	Completed <sup>2</sup>	Completed
	Reported to TMC	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Test 4	Oil	E	A	D	E	F	D	E
	Current Test Hours	Completed	Completed	Completed	Completed	Completed	Completed	Completed
	Expected EOT	12/5	12/22	12/13	12/21	11/28	12/28	11/29
	Reported to TMC	Yes	Yes	Yes	Yes	Yes	Yes	Yes

<sup>1</sup> Low oil jet pressure concern noted. To be re-run on another stand and engine.

<sup>2</sup> Re-run. First run on oil A had an oil leak. Test was invalid.

One non-matrix test has been reported on oil 'D'. In addition, three non-matrix tests are currently started.

## COAT Matrix

Lab		SR	LZ	EG	
Completed	Test 1	Oil	K	I	G
		Reported	Yes - Lab Declared Invalid <sup>1</sup>	No	No
	Test 2	Oil	J	K	I
		Reported	No	No	No
	Test 3	Oil	G	G	K
		Reported	Yes	No	No
	Test 4	Oil	L	L	J
		Reported	No	No	No
	Test 5	Oil	H	J	H
		Reported	No	No	No
	Test 6	Oil	I	H	L
		Reported	No	No	No
	Test 7	Oil	K	H	G
Reported		No	No	No	
Test 8	Oil	I	J	L	
	Reported	No	No	No	
Test 9	Oil	H	L	H	
	Reported	No	No	No	
Test 10	Oil	L	G	J	
	Reported	No	No	No	
Test 11	Oil	G	K	K	
	Reported	No	No	No	
Test 12	Oil	J	I	I	
	Status	No	No	No	
Test 13		K		G	

<sup>1</sup> Rerun in to start week of January 12<sup>th</sup>.

**Estimated matrix completion = Week of January 12<sup>th</sup>.**

Oil '1' is in short supply due to limited quantity initially supplied. Additional reruns on this oil may not be possible.

LZ and SR have indicated that all their tests should be reported to the TMC on the standardized report form set by 1/16/2015.

The TMC will not authorize ASTM to make payments on invoices until data is reported on the standardized report form packet.

TMC HomePage contains a **PC-11 & GF-6 Matrix Info** hotLink.

Frank Farber

PC-11 Matrix Project Supervisor

<ftp://ftp.astmtmc.cmu.edu/docs/diesel/PC11matrix/20150112MatrixStatusReport.pdf>