

**PC-11 Matrix Test Status
December 29, 2014**

T-13 Matrix Test Status

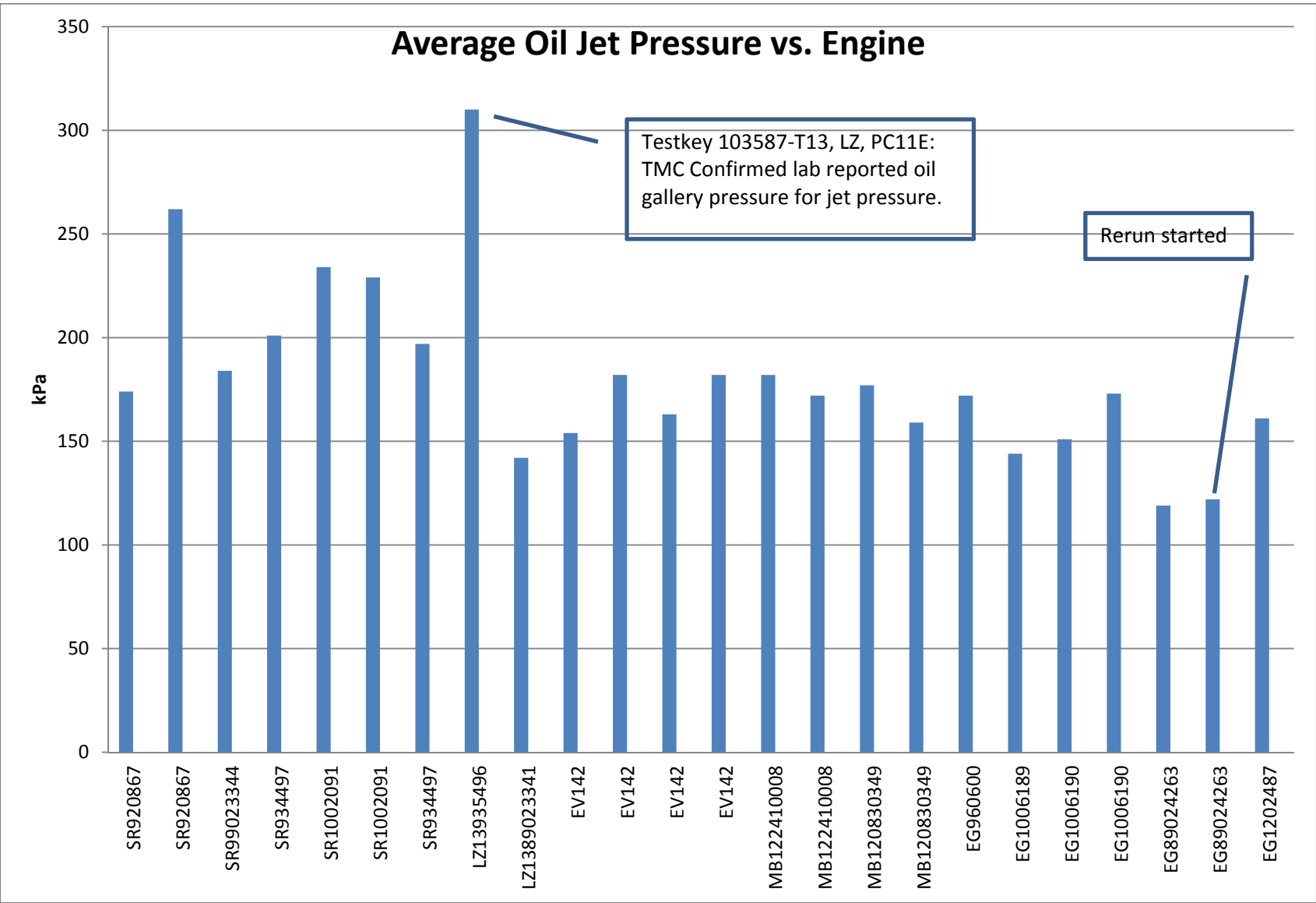
	Lab	Intertek		Southwest		Afton	Lubrizol	ExxonMobil
	Stand	1	2	1	2	1	1	1
Test 1	Oil	D	E	B	F	B	E	D
	Start Date	9/21	9/18	9/15	9/17	9/16	9/18	9/23
	Reported to TMC	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Test 2	Oil	A	B	F	A	A	C	C
	Current Test Hours	Completed	Completed ¹	Completed	Completed	Completed	Completed	Completed
	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 ²	Completed
	Reported to TMC	Yes	Yes	Yes	Yes	Yes	No	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	No	Yes	Yes	Yes	No	Yes

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

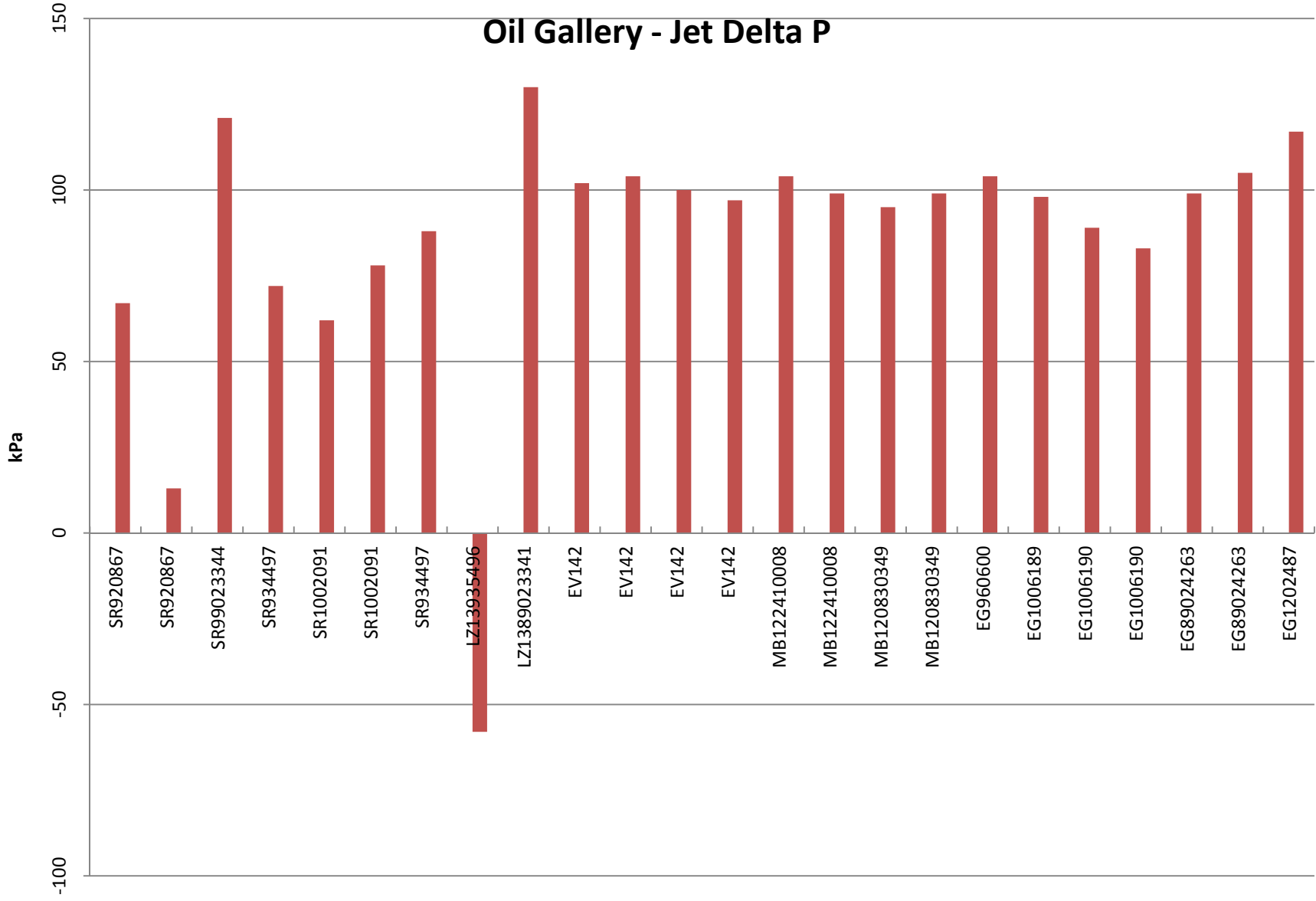
² Re-run. First run on oil A had an oil leak. Test was invalid.

360 hour test (15 days) + 2-3 day test turn around = 18 days/test

Estimated matrix completion =Completed!!



Oil Gallery - Jet Delta P



COAT Matrix

Lab		SR	LZ	EG	
Completed	Test 1	Oil	K	I	G
		Reported	No	No	No
	Test 2	Oil	J	K	I
		Reported	No	No	No
	Test 3	Oil	G	G	K
		Reported	No	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	

Estimated matrix completion = EG has not reported the status of their last test. Best guess is that the COAT Matrix is finished!

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

Labs are to report results on the industry approved report packet version 20141215. It is expected that data reporting will start on this version in late December. 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/20141229MatrixStatusReport.pdf>