

**PC-11 VGRA Matrix Test Status**  
**October 28, 2015**

The first runs of T-13 VGRA tests at each lab have completed but have not been reported to the TMC. All T-13 data will be posted at: <ftp://ftp.astmtmc.cmu.edu/refdata/diesel/T13/data/ltms.csv>

COAT testing has started at Lab G. All COAT data will be posted at:  
<ftp://ftp.astmtmc.cmu.edu/refdata/diesel/COAT/data/ltms.csv>

The field COM1 will identify the test as a VGRA matrix test with a value of "VGRA".

Estimated T-13 Matrix Completion (360 hours/test): Week of November 23, 2015

.

### T-13 VGRA Matrix Test Status

	Lab-Stand	A-1	A-2	D-1	G-1	G-2
Run Order	1	PC11A 10W30* BS1 Tech1 111339-T13 Completed	PC11Y 10W40 BS1 Tech 1 111446-T13 ~Completed	PC11LL 15W40 BS2 Tech3 111349-T13 Completed	PC11A 10W30* BS1 Tech1 111337-T13 Completed	PC11KK 15W40 BS2 Tech2 111439-T13 Completed
	2	PC11KK 15W40 BS2 Tech2		PC11Y 10W40 BS1 Tech1 111445-T13		PC11LL 15W40 BS2 Tech3 111350-T13

✓ Indicates surveillance panel has reviewed operational data and found the test to be operationally valid.

Test Reported

Invalid

\* Prior reports indicated wrong viscosity grade

### COAT

Run #	A	G
1	832 15W40 BS1 Tech 1	832 15W40 BS1 Tech 1 110729-COAT
2	PC11X 10W40 BS2 Tech 2	PC11FF 10W30 BS2 Tech 3 111352-COAT
3	PC11FF 10W30 BS2 Tech 3	PC11EE 10W30 BS2 Tech 2
4	PC11EE 10W30 BS2 Tech 2	PC11X 10W40 BS2 Tech2

✓ Indicates surveillance panel has reviewed operational data and found the test to be operationally valid.

Test Reported

Invalid

### COAT Reported Results

Oil	TestKey	Lab	Stand	Average Aeration (40-50) - %	Comment
832	110729-COAT	G	1	11.23	

If there are any questions please let me know.

Best regards,  
Frank

Frank Farber  
PC-11 VGRA Matrix Project Supervisor  
[ftp://ftp.astmtmc.cmu.edu/docs/diesel/PC11matrix/20151028\\_VGRAMatrixTestStatus.pdf](ftp://ftp.astmtmc.cmu.edu/docs/diesel/PC11matrix/20151028_VGRAMatrixTestStatus.pdf)