

VIE Precision Matrix

14 test results have been reported.

All reported data is posted at: <ftp://ftp.astmtmc.cmu.edu/refdata/gas/VIE/data/ltms.csv>

The field COM2 will identify the test as a precision matrix test with a value of "MATRIX".

Step	Run Order	A 1	A 2	G 1	G 2	B	D	C	F	Engine Hrs
	SOT Engine Hours	150	150	150	150	150	150	150	150	150
1	1	544	1010-1 110587-VIE	542-2 105705-VIE	544 113224-VIE	542-2 110003-VIE	542-2 110588-VIE	544 113298-VIE	1010-1 113223-VIE	350
	2	544	1010-1 110725-VIE	1010-1 113235-VIE	542-2 105704-VIE	544 113258-VIE	542-2 113293-VIE	1010-1	544 113220-VIE	550
	3	542-2	542-2 111176-VIE	1010-1	1010-1 108989-VIE	1010-1 110595-VIE	544 113292-VIE	542-2	544 113221-VIE	750
	4	1010-1	544	544	1010-1 113234-VIE	544 113259-VIE	1010-1 110589-VIE	542-2	542-2 113222-VIE	950
2	5		544		542-2	544				1150
	6		1010-1		542-2	542-2				1350
	7		544		544	542-2				1550
	8		542-2		544	1010-1				1750
	9		542-2		1010-1	1010-1				1950
	10		1010-1		544	542-2				2150
	11		1010-1		542-2					2350
EOT Engine Hours	950	2350	950	2350	2150	950	950	950	Total Runs	
Runs/Engine	4	11	4	11	10	4	4	4	52	

Test Reported

Invalid

Estimated matrix completion: Week of March 11, 2016

VIE Precision Matrix

IND	Testkey	Lab/Stand	FEI1	FEI2	FEISUM	Total Oil Consumption, ml	Comment
542-2	110588-VIE	D2	2.77	1.70	4.47	400	
	110003-VIE	B1	3.00	1.86	4.86	600	
	113293-VIE	D2	2.53	1.74	4.27	400	
	105704-VIE	G2	2.93	2.16	5.09	800	
	105705-VIE	G1	2.34	1.70	4.04	700	
544	113224-VIE	G2	1.36	1.83	3.19	600	
	113221-VIE	F2	1.04	1.64	2.68	700	
	113292-VIE	D2	1.48	1.24	2.72	800	
	113220-VIE	F2	0.84	1.51	2.35	650	
	113258-VIE	B1	1.48	1.64	3.12	1000	
1010-1	110587-VIE	A2	1.60	1.74	3.34	600	
	113223-VIE	F2	2.12	2.14	4.26	500	
	108989-VIE	G2	1.95	2.12	4.07	1000	
	110725-VIE	A2	1.84	1.59	3.43	700	

Guidelines on Running the PM

1. If engine fails before the matrix finishes, move remaining tests to another matrix engine.

2. After all labs run the Step 1 tests, reassess engine “health” at the labs to determine the engines that will run additional tests to reach higher engine hours.

If there are any questions please let me know.

VIE Precision Matrix

Best regards,
Frank

Frank Farber
GF-6 Matrix Project Supervisor
<ftp://ftp.astmtmc.cmu.edu/docs/gas/GF6matrix/StatusReports/VIE/20151215VIEMatrixTestStatus.pdf>