

VH Precision Matrix Status

Ten of 24 tests have been reported to the TMC. The task force has confirmed all of the reported tests are operationally valid.

Data is posted at: <ftp://ftp.astmtmc.cmu.edu/refdata/gas/VH/data/ltms.csv>

The field COM4 will identify the test as a precision matrix test with a value of "MATRIX".

Oils: 940 (5W-30), 1009 (5W-30), 1011(0W-16)

Test length ~9 days

Estimated matrix completion: April 3, 2017

If there are any questions please let me know.

Best regards,
Frank

Frank Farber

GF-6 Matrix Project Supervisor

<ftp://ftp.astmtmc.cmu.edu/docs/gas/GF6matrix/StatusReports/VH/20170309VHMatrixTestStatus.pdf>

VH Precision Matrix Status

	Lab Stand	D1	E1	G1	G2	A1	A2
Run Order	1	1011✓ 119162-VH	1009✓ 100682-VH	940✓ 119150-VH	940✓ 119151-VH	1009 117777-VH	1011✓ 122929-VH
	2	1011✓ 121400-VH	940 120502-VH	940✓ 123887-VH	1011✓ 122926-VH	1009	1009 119141-VH
	3	940 121398-VH	1011	1009✓ 118693-VH	1009✓ 118692-VH	1011	940
	4	1009	1011	1011 122927-VH	1009 119155-VH	940	940

✓ Indicates operation task force has reviewed operational data and found the test to be operationally valid.

Reported	Invalid
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Matrix Results

Oil	TestKey	Lab/Stand	AES(merits)	RAC (merits)	AEVB(merits)	APV(merits)	OSCR(%)	# Hot Stuck Rings	Comment
940	119150-VH	G1	5.88	7.06	9.24	8.32	98	0	
	119151-VH	G2	6.55	7.78	9.30	8.50	45	0	
	123887-VH	G1	6.88	8.02	9.35	8.55	50	0	
1009	118692-VH	G2	7.22	8.96	9.34	8.86	70	0	
	118693-VH	G1	7.42	9.00	9.43	9.16	85	0	
	100682-VH	E1	6.56	8.47	9.29	8.88	74	0	116 hours of downtime
1011	119162-VH	D1	7.87	9.42	9.49	8.99	18	0	
	122926-VH	G2	8.71	9.48	9.22	8.04	1	0	
	121400-VH	D1	8.69	9.28	9.23	8.79	15	0	
	122929-VH	A2	8.97	9.58	9.58	9.05	5	0	