

VH Precision Matrix Status

Twenty-three of the 24 tests have been reported to the TMC. Twenty-two tests are operationally valid. The data is posted at: <ftp://ftp.astmtmc.cmu.edu/refdata/gas/VH/data/ltms.csv>

The Sequence V Surveillance Panel has reviewed the 22 tests and deemed them operationally valid. The data has been handed the over to the stats group for analysis. This is the last status report for the VH matrix.

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: Completed

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/20170526VHMatrixTestStatus.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✓ 119143-VH	1009✓ 119141-VH
			940 122931-VH				
	3	940✓ 121398-VH	1011 120503-VH	1009✓ 118693-VH	1009✓ 118692-VH	1011✓ 119147-VH	940✓ 108997-VH
4	1009✓ 119160-VH	1011	1011✓ 122927-VH	1009✓ 119155-VH	940✓ 118698-VH	940✓ 108998-VH	

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

Reported	Invalid
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VH Precision Matrix Status

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	
	121398-VH	D1	6.87	7.70	8.87	7.77	89	0	
	120502-VH	E1	8.39	9.12	8.45	8.40	28	0	Negative RAC Coolant QI
	108997-VH	A2	7.16	8.54	8.76	7.52	80	0	
	122931-VH	E1	8.68	8.80	9.02	9.41	20	0	Low Fuel Dilution
	118698-VH	A1	6.13	7.86	8.95	8.00	95	0	
108998-VH	A2	6.05	7.31	9.00	7.61	97	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
	119155-VH	G2	7.46	9.08	9.17	8.82	15	0	
	119141-VH	A2	7.10	9.41	8.98	8.04	65	0	
	117777-VH	A1	8.06	9.30	8.45	7.94	4	0	
	119143-VH	A1	6.95	8.63	8.98	7.95	70	0	
	119160-VH	D1	7.07	9.00	8.13	6.40	67	0	
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	
	122927-VH	G1	8.45	9.46	9.62	9.37	1	0	
	119147-VH	A1	7.47	9.48	9.35	8.76	18	0	
	120503-VH	E1	8.94	9.28	9.05	9.20	1	0	