

GF-6 IIIH Matrix Test Status September 14, 2015

All 2nd run tests have been reported to the TMC. Third and fourth run tests have been started at all labs except for lab E. All data is posted at: <ftp://ftp.astmtmc.cmu.edu/refdata/gas/IIIH/data/ltms.csv>

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

Lab E has reported back to the IIIH Task Force with their 20 hour operational shakedown run data. Lab E feels the problems with their operational control have been corrected. Based on the data provided the IIIH Task Force felt the lab could continue their testing with tests 3 and 4 and then rerun their invalid first run on 438-1. Lab E will be preparing a presentation to the Surveillance Panel in regard to the operational validity of their second test. All reported tests from other labs have been reviewed for operational control by the task force and have been noted as acceptable. The task force will prepare a presentation to the Surveillance Panel for final review.

All labs have been encouraged to report MRV results as quickly as possible.

Estimated Matrix Completion:

90 hour test (4 days) + 4-5 day test turn around until reported ~ 8 days/test.

Earliest Start of 3rd run test @ Lab E =9/15/2015

Estimated matrix completion and reporting=9/15/2015 + 2*8 days = ~Week of October 5th

IIH Matrix Test Status

	Lab-Stand	D-1	E-1	B-1	G-1	G-2	A-1	A-2
Run Order	1	434-2 106788-IIIH	438-1 106784-IIIH Low MAP and Fuel Flow	438-1 106796-IIIH Oil Leak 438-1 106797-IIIH	436 106763-IIIH	436 106764-IIIH	438-1 106774-IIIH	434-2 106778-IIIH
	2	434-2 106789-IIIH Loss of Oil Pressure	436 106782-IIIH	436 106792-IIIH	438-1 106767-IIIH	434-2 107873-IIIH	438-1 107869-IIIH	438-1 107870-IIIH
		434-2 106789A-IIIH						
	3	436 106786-IIIH	434-2	436 106793-IIIH	438-1 106768-IIIH	434-2 110227-IIIH	434-2 106779-IIIH	436 106775-IIIH
4	438-1 106791-IIIH	434-2	434-2 106795-IIIH	434-2 110228-IIIH	438-1 107872-IIIH	436	436 106776-IIIH	

Test Reported

Invalid

Reported Test Results

Oil	TestKey	Lab	Stand	EOT Vis Increase (%)	WPD (merits)	Phos. Retention (%)	MRV	Comment
434-2	106778-IIIH	A	2	137.5	3.98	78.47	81300	
	106788-IIIH	D	1	13.6	4.73	79.83	14600	
	107873-IIIH	G	2	166.6	4.10	79.94	102200	
	106789A-IIIH	D	1	59.4	5.60	78.85	36000	
	106795-IIIH	B	1	99.8	3.93	81.34	N/A	
	110227-IIIH	G	2	180.9	3.35	81.28	121000	
436	106763-IIIH	G	1	19.5	4.45	94.73	13100	
	106764-IIIH	G	2	26.9	3.99	95.62	14800	
	106782-IIIH	E	1	19.5	4.25	N/A	N/A	
	106792-IIIH	B	1	22.4	4.77	99.44	15500	
	106793-IIIH	B	1	31.3	4.96	N/A	N/A	
	106786-IIIH	D	1	27.8	4.72	95.30	18600	
	106775-IIIH	A	2	38	4.62	91.51	22500	
438-1	106774-IIIH	A	1	265.1	3.34	79.22	84900	
	106784-IIIH	E	1	34.5	3.72	78.54	22600	Invalid
	106797-IIIH	B	1	24.6	3.32	73.60	N/A	
	106767-IIIH	G	1	31.2	3.33	81.30	18900	
	107869-IIIH	A	1	209.0	3.10	N/A	N/A	
	107870-IIIH	A	2	31.3	3.42	N/A	N/A	
	106768-IIIH	G	1	29.4	3.46	80.85	20500	

If there are any questions please let me know.

Best regards,
Frank

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<ftp://ftp.astmtmc.cmu.edu/docs/gas/GF6matrix/StatusReports/20150914MatrixTestStatus.pdf>

