

CWT Matrix Test Status

March 10, 2016

11 of 20 matrix tests have been reported. The Test Development Group has discussed the torque control and related cam position sensor data differences between labs and has decided to continue the matrix without any changes. Further work will continue outside matrix testing to evaluate the impact of these observations.

All reported data can be retrieved at: <ftp://ftp.astmtmc.cmu.edu/refdata/gas/cwt/data/ltms.csv>

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

Test Length is 216 hours, ~12 days/test

Estimated Matrix Completion: Week of April 4th

CWT Matrix Test Status

	Lab-Stand	D-1	G-1	G-2	A-1	A-2
Run Order	1	270 113317-CWT Aborted Torque Control Issues	1011✓ 113315-CWT	271 113419-CWT	1011✓ 113310-CWT	270✓ 113308-CWT
		270 114666-CWT				
	2	1011 113318-CWT	270 113312-CWT	271 113420-CWT	271 113422-CWT	270 113827-CWT
	3	1011	270 113313-CWT	1011 113316-CWT	271 115948-CWT	271 113424-CWT
4	271	271 113421-CWT	270	270	1011	

✓ Indicates Task Force has reviewed operational data and found the test to be operationally valid.

Test Reported

Invalid

Oil	TestKey	Lab	Stand	Chain Stretch %Change	Comment
270	113308-CWT	A	2	0.0914	
	114666-CWT	D	1	0.0987	
	113312-CWT	G	1	0.1271	
	113827-CWT	A	2	0.0900	
	113313-CWT	G	1	0.1572	
271	113419-CWT	G	2	0.0691	
	113422-CWT	A	1	0.0584	
	113420-CWT	G	2	0.0819	
1011	113310 -CWT	A	1	0.0941	
	113315-CWT	G	1	0.1379	
	113318-CWT	D	1	0.1461	

If there are any questions please let me know.

Best regards,
Frank

Frank Farber

<ftp://ftp.astmtmc.cmu.edu/docs/gas/GF6Matrix/cwt/20160310CWMatrixTestStatus.pdf>