

## LSPI Matrix Test Status

April 7, 2016

During the April 6th LSPI Task Force conference call it was determined that all labs were able to maintain 50 - 60 L/min coolant flow. Consequently, the task force set coolant flow as a controlled parameter. The task force also moved lambda to a non-controlled parameter. An updated test procedure and report forms will be posted to the TMC website as soon as possible. The task force agreed that all completed tests will need to be re-run and can be started immediately using the new operational criteria.

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

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

Test Length ~1 day/test

Estimated Matrix Completion: Week of April 18th

### LSPI Matrix Test Status

Run Order	B 1	G 1	G 2	A 1	A 2
1	222	220	222	220	221
2	220	221	221	222	221
3	220	221	220	222	222
4	221	222	220	221	220

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

Test Reported

Invalid

Oil	TestKey	Lab Stand	Total Pre-Ignition Events	Comment
220(5W30) LEO				
221(0W16) MEO				
222 (10W30) HEO				

If there are any questions please let me know.

Best regards,  
Frank

Frank Farber

<ftp://ftp.astmtmc.cmu.edu/docs/gas/GF6Matrix/cwt/20160407LSPIMatrixTestStatus.pdf>