

LSPI Matrix Test Status

March 25, 2016

Three matrix tests have been reported. On the March 24th LSPI Task Force conference call the matrix was put on hold until coolant flow issues between labs can be addressed and QI limits established for coolant flow. Tests that have been run will need to be rerun once this has been done.

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 11th

LSPI Matrix Test Status

Run Order	B 1	G 1	G 2	A 1	A 2
1	222 114967-LSPI	220 114953-LSPI	222 114959-LSPI	220 114971-LSPI	221 114972-LSPI
2	220	221	221	222 114976-LSPI	221 114973-LSPI
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	114971-LSPI	A 1	4	
221(0W16) MEO	114972-LSPI	A 2	56	
222 (10W30) HEO	114967-LSPI	B 1	81	

If there are any questions please let me know.

Best regards,
Frank

Frank Farber

<ftp://ftp.astmtmc.cmu.edu/docs/gas/GF6Matrix/cwt/20160325LSPIMatrixTestStatus.pdf>