

LSPI Matrix Test Status

June 15, 2016

All matrix tests have been 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

Matrix Completion: June 3, 2016

LSPI Matrix Test Status

Run Order	B 1	G 1	G 2	A 1	A 2
1	222 114968-LSPI	220 114954-LSPI Coolant Thermocouple Cal. Out 220 116222-LSPI	222 114960-LSPI	220 116220-LSPI	221 114973-LSPI
2	220 114962-LSPI	221 114956-LSPI Coolant Thermocouple Cal. Out 221 114957-LSPI	221 114955-LSPI	222 114976-LSPI	221 114974-LSPI
3	220 114963-LSPI	221 114958-LSPI	220 116223-LSPI	222 114978-LSPI	222 114977-LSPI
4	221 114965-LSPI	222 114961-LSPI	220 117631-LSPI	221 114975-LSPI	220 116959-LSPI

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

Test Reported

Invalid

Oil	TestKey	Lab Stand	Average Valid Pre-Ignition Events	Comment
220(5W30) LEO	116220-LSPI	A1	0.8	
	116222-LSPI	G1	0.8	
	116223-LSPI	G2	2.2	
	114962-LSPI	B1	0.5	
	117631-LSPI	G2	5.8	
	114963-LSPI	B1	0.0	
	116959-LSPI	A2	0.5	
221(0W16) MEO	114973-LSPI	A2	16.8	
	114974-LSPI	A2	11.8	
	114955-LSPI	G2	13.0	
	114975-LSPI	A1	10.5	
	114957-LSPI	G1	11.2	
	114958-LSPI	G1	9.2	
	114965-LSPI	B1	6.5	
222 (10W30) HEO	114960-LSPI	G2	21.5	
	114976-LSPI	A1	25.8	
	114978-LSPI	A1	19.8	
	114968-LSPI	B1	12.8	
	114977-LSPI	A2	19.2	
	114961-LSPI	G1	17.0	

If there are any questions please let me know.

Best regards,
Frank

Frank Farber

<ftp://ftp.astmtmc.cmu.edu/docs/gas/GF6Matrix/cwt/20160615LSPIMatrixTestStatus.pdf>