



# Test Monitoring Center

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MEMORANDUM: 19-002  
 DATE: February 8, 2019  
 TO: L-60-1 Surveillance Panel  
 FROM: Dylan Beck *Dylan Beck*  
 SUBJECT: Update to Approval of 2018 Gear Hardware

During a December 4th, 2018 surveillance panel meeting, the hardware matrix for the 2018 batch of gears was approved for all labs except for lab G. Lab G did not have a completed run using new hardware on 148-1 oil at the time. Lab G has since completed their portion of the new hardware test matrix on January 23<sup>rd</sup>, 2019 and is now approved to use the new 2018 hardware. Updated test matrix is below.

OIL	CMIR	LAB	DTCOMP	VISI	PEN	TOL	ACV	ASL
148-1	133765-L601	A	20180917	42	0.50	0.4	7.90	9.50
	130959-L601	B	20181018	44	0.40	0.2	7.70	9.70
	123506-L601	D	20181025	34	0.80	0.6	8.40	9.50
	<b>134715-L601</b>	<b>G</b>	<b>20190123</b>	<b>36</b>	<b>0.4</b>	<b>0.3</b>	<b>8.30</b>	<b>9.40</b>
148-1 Targets			Avg.	36.966	0.387	0.257	8.306	9.532
			Std dev.	7.659	0.413	0.249	0.511	0.106

OIL	CMIR	LAB	DTCOMP	VISI	PEN	TOL	ACV	ASL
155-1	133768-L601	A	20180921	28	1.00	0.8	8.30	9.30
	130963-L601	B	20181028	30	1.60	1.2	8.10	9.50
	132244-L601	D	20181110	25	1.30	1.1	8.3	9.50
	119337-L601	G	20181022	27	0.80	0.5	9.40	9.40
155-1 Targets			Avg.	28.800	1.509	1.109	8.760	9.426
			Std dev.	3.669	0.434	0.530	0.586	0.101

DJB/djb/mem19-002.djb.doc

cc: Frank Farber  
Jeff Clark

<http://www.astmtmc.cmu.edu/ftp/docs/gear/l601/memos/mem19-002.djb.pdf>

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