



Test Monitoring Center

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412-365-1000

MEMORANDUM: 21-026

DATE: June 30, 2021

TO: L-42 Surveillance Panel

FROM: Dylan Beck *Dylan Beck*

SUBJECT: Approval of new P8AD132 (C1L637) hardware for test use

During a June 30, 2021 conference call the surveillance panel approved the new batch of P8AD132 (C1L637 pinion identifier) hardware. This was approved as an urgent target update and the approval of the hardware is effective immediately. The new hardware will use the same targets as the previous P8AD132 batch.

DJB/djb/mem21-026.djb.doc

cc: Frank Farber
Jeff Clark

<http://www.astmtmc.cmu.edu/ftp/docs/gear/l42/memos/mem21-026.djb.pdf>

Distribution: email

Hardware Approval Matrix:

	Test Date Started	Test Date Completed	Stand Run No.	CMIR No.	TMC Oil No.	Drive Side Scoring (%)		Coast Side Scoring (%)			Coast Side Torque (lbf-ft)	
						EOT Pinion	EOT Ring	EOT Pinion	EOT Ring	Shock Series 1 Ring	Shock Series 1 (Average)	Shock Series 2 (Average)
Discrimination	20210629	20210629	2465	153779	119	0	0	52	40	0	-64.7	-328.2
Calibration	20210629	20210629	2462	165171	117	0	0	26	14	0	-67.7	-344.5
Sequence Passing	20210629	20210629	2463	165172	117	0	0	27	15	0	-68.4	-337.6
Tests Only	20210629	20210629	2464	165173	117	0	0	24	13	0	-65.8	-341.3
Passing Reference Oil Test Average								26	14	0	-67.3	-341.1

P8AD132 Hardware Targets:

COAST SIDE PINION SCORING
Unit of Measure: % Scoring
Gear Batch P8AD132

Reference Oil	Mean	Standard Deviation
116-1	23.0	5.49
117	23.0	5.49

33-2

05-2021