



# Test Monitoring Center

@ Carnegie Mellon University  
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<http://astmtmc.cmu.edu>  
412-365-1000

MEMORANDUM: 19-038  
DATE: August 12, 2019  
TO: L-37-1 Surveillance Panel  
FROM: Dylan Beck *Dylan Beck*  
SUBJECT: L-37-1 Update to Reference Oil Targets

During an August 7<sup>th</sup>, 2019 Surveillance Panel meeting new targets for L-37-1 reference oils were approved. New targets are a result of the approval of the 2018 batch of non-lubricated hardware. Since the approval matrix results were similar to the current 2014 hardware targets, the panel decided to combine the results for 2014 and 2018 hardware. These two sets of Gleason hardware will share the same reference oil targets. The effective date of this change is August 7<sup>th</sup>, 2019. Please use “06-2018” as the batch identifier when reporting tests run on Gleason 2018 hardware.

TMC IND	Parameter	N Size	Mean	Std.
134/134-1	RIDG	14	3.9	0.9
	RIPP		7.1	1.5
	WEAR		5.1	0.9
	SPIT		8.0	1.7
152-2	RIDG	15	9.3	0.6
	RIPP		8.7	1.3
	WEAR		7.5	0.8
	SPIT		9.9	0.1
155-1	RIDG	16	9.6	0.5
	RIPP		8.8	1.1
	WEAR		7.6	0.7
	SPIT		9.9	0.0

[L-37-1 Target Dataset for TMC Memo 19-038](#)

DJB/djb/mem19-038.djb.doc

cc: Frank Farber

Jeff Clark

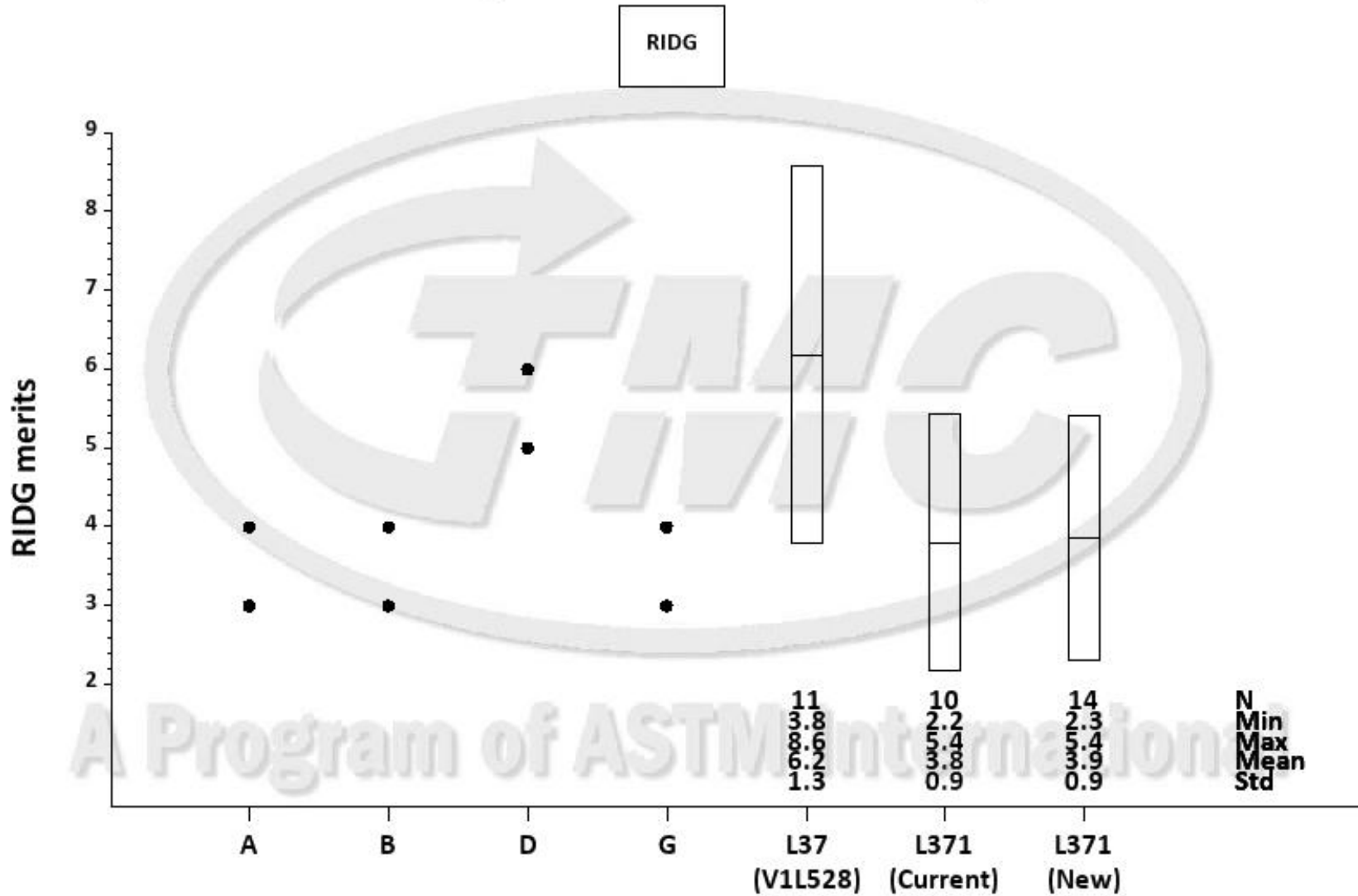
L-371 Surveillance Panel

<http://www.astmtmc.cmu.edu/ftp/docs/gear/1371/memos/mem19-038.djb.pdf>

Distribution: email

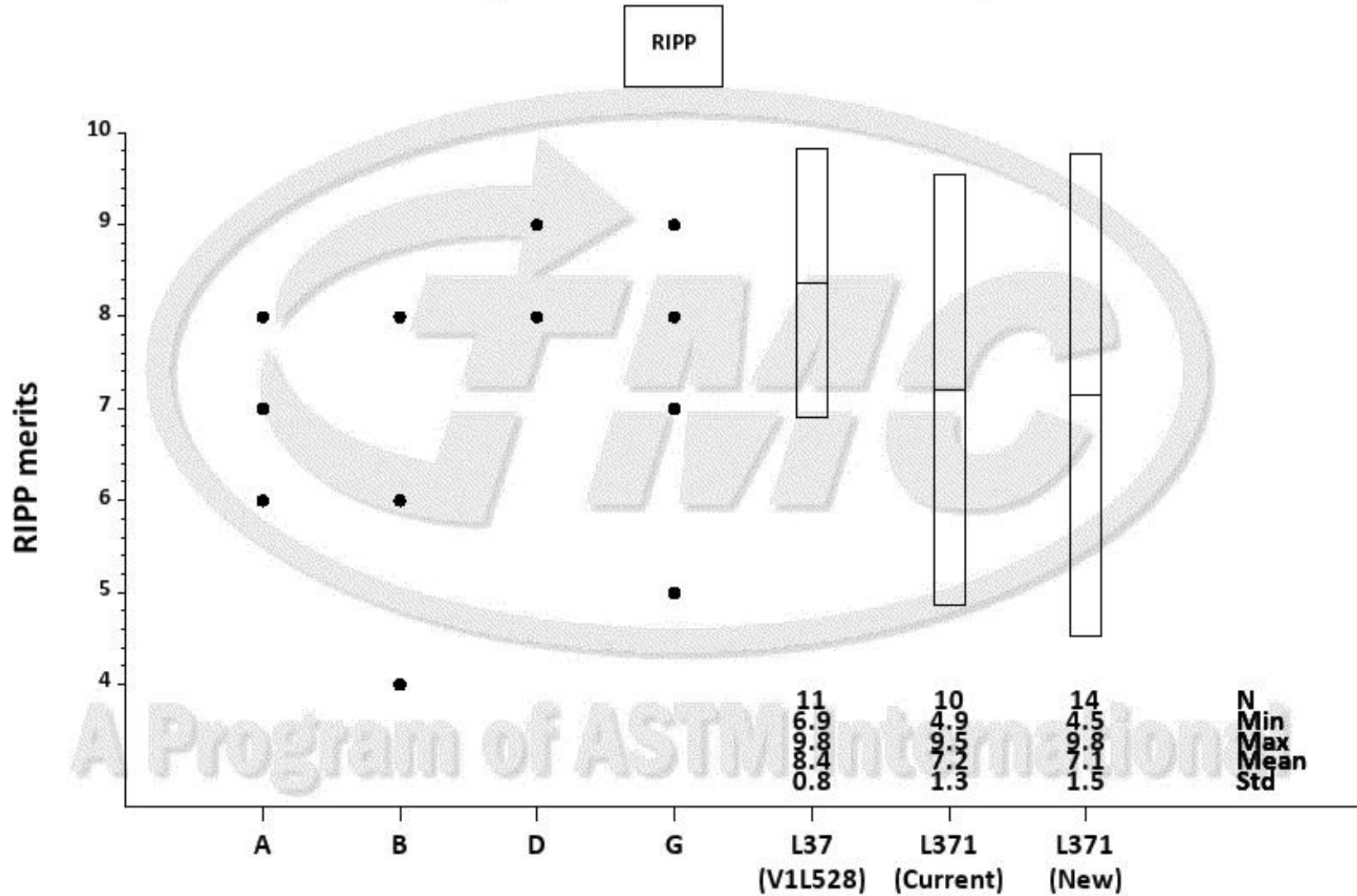
# L-371 (D8165)

L-37-1 NONLUBRITED Hardware  
Oil 134 Test Target Data Set and Shewart Severity Limits



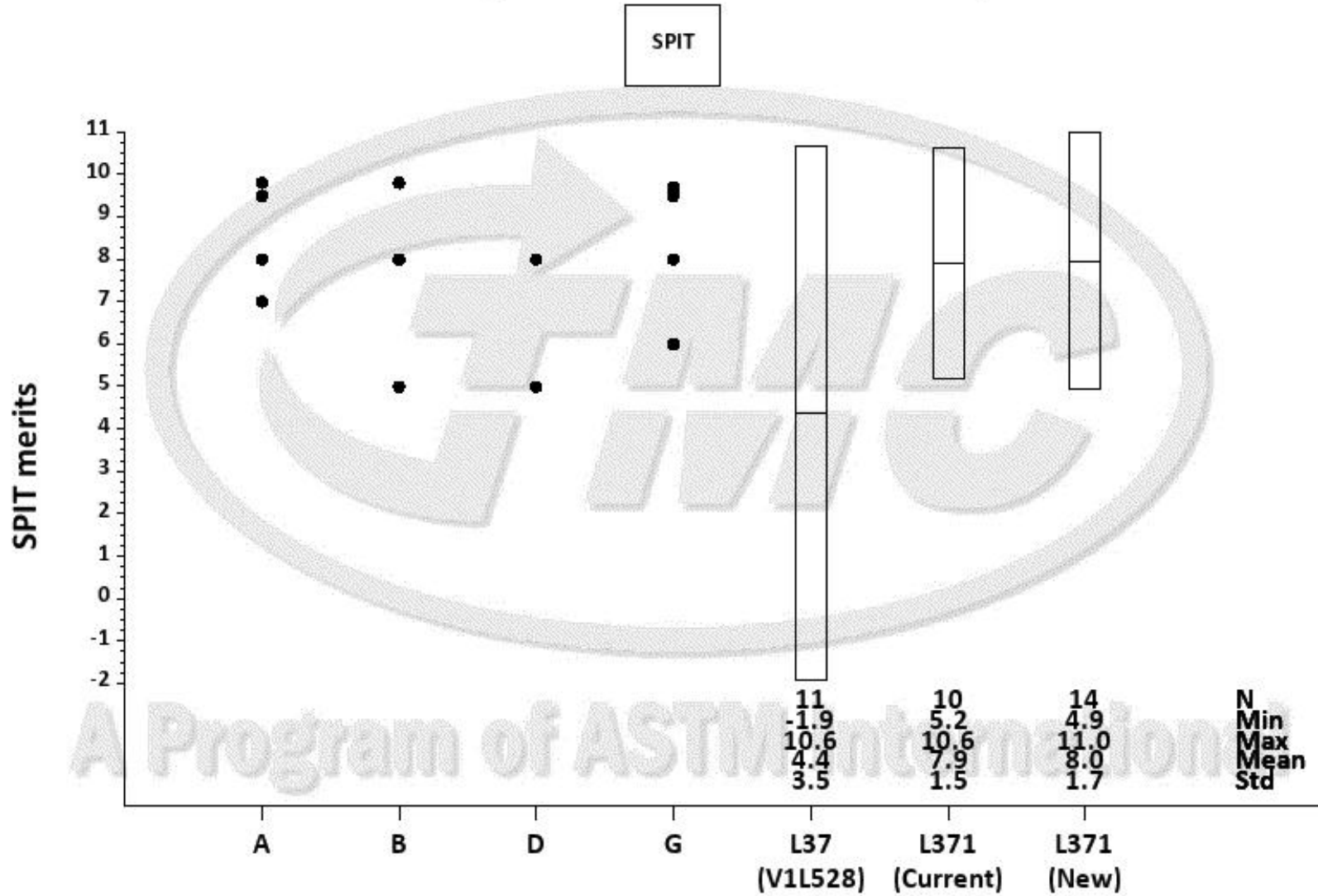
# L-371 (D8165)

L-37-1 NONLUBRITED Hardware  
Oil 134 Test Target Data Set and Shewart Severity Limits



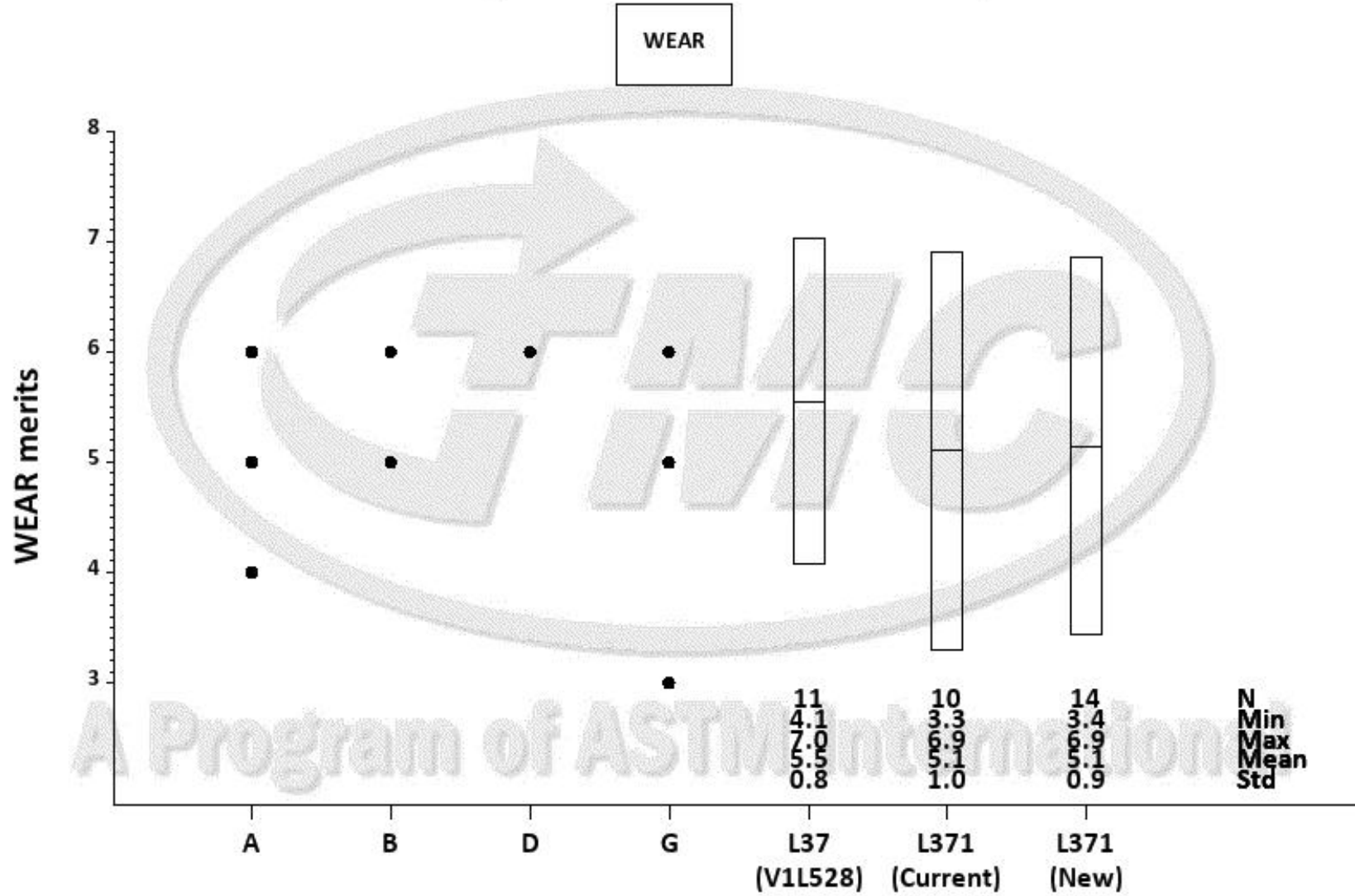
# L-371 (D8165)

L-37-1 NONLUBRITED Hardware  
Oil 134 Test Target Data Set and Shewart Severity Limits



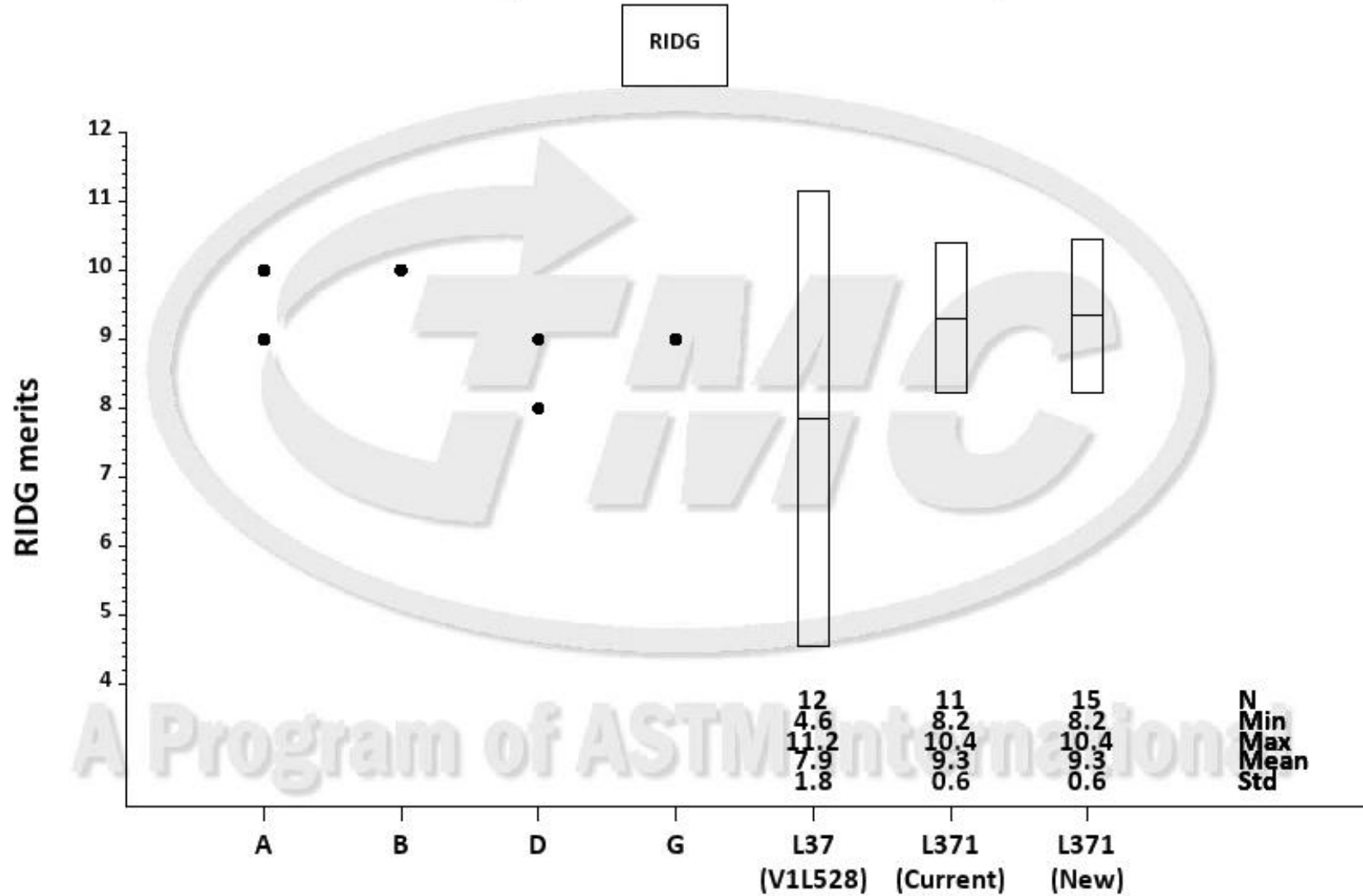
# L-371 (D8165)

L-37-1 NONLUBRITED Hardware  
Oil 134 Test Target Data Set and Shewart Severity Limits



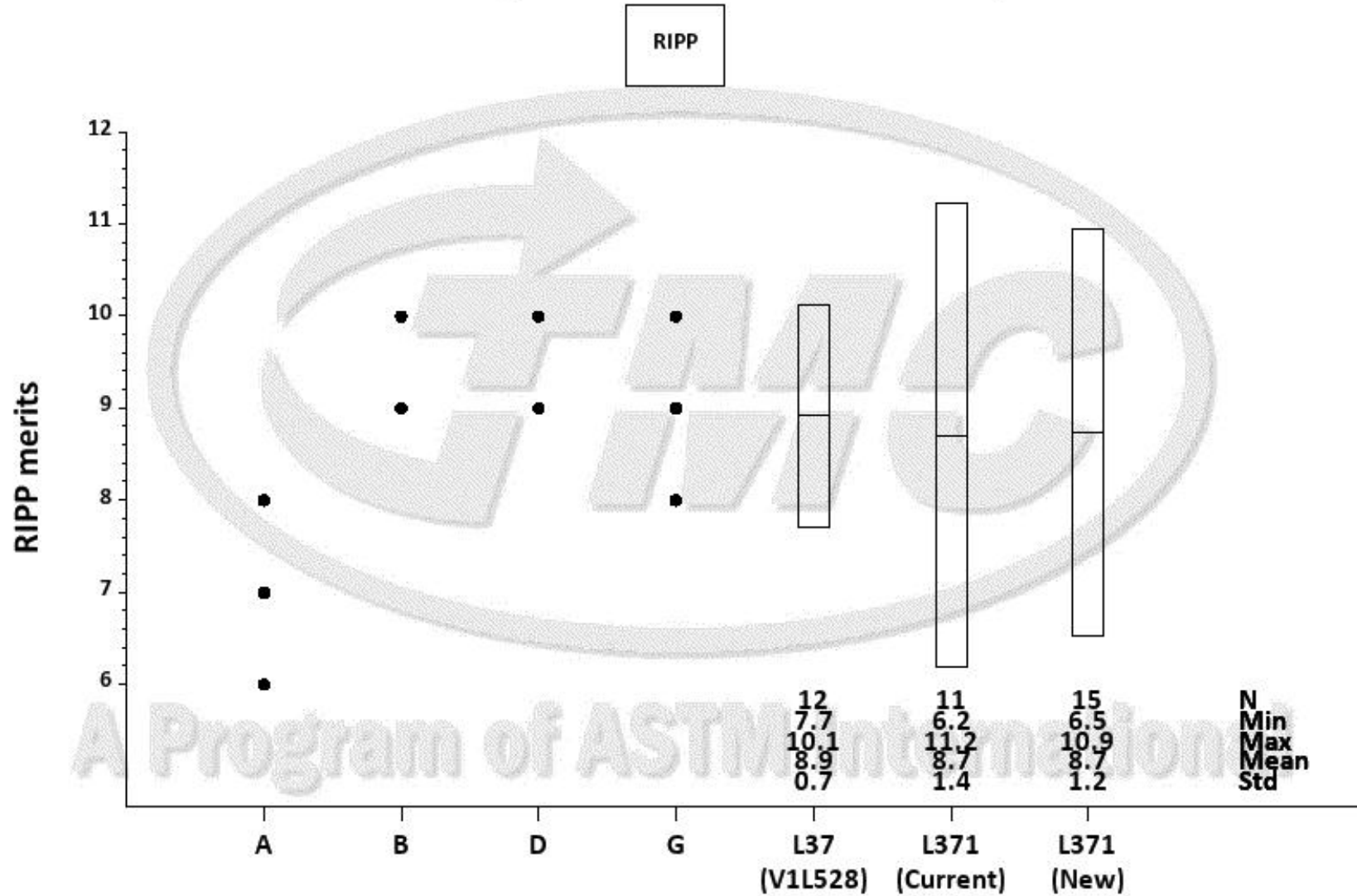
# L-371 (D8165)

L-37-1 NONLUBRITED Hardware  
Oil 152-2 Test Target Data Set and Shewart Severity Limits



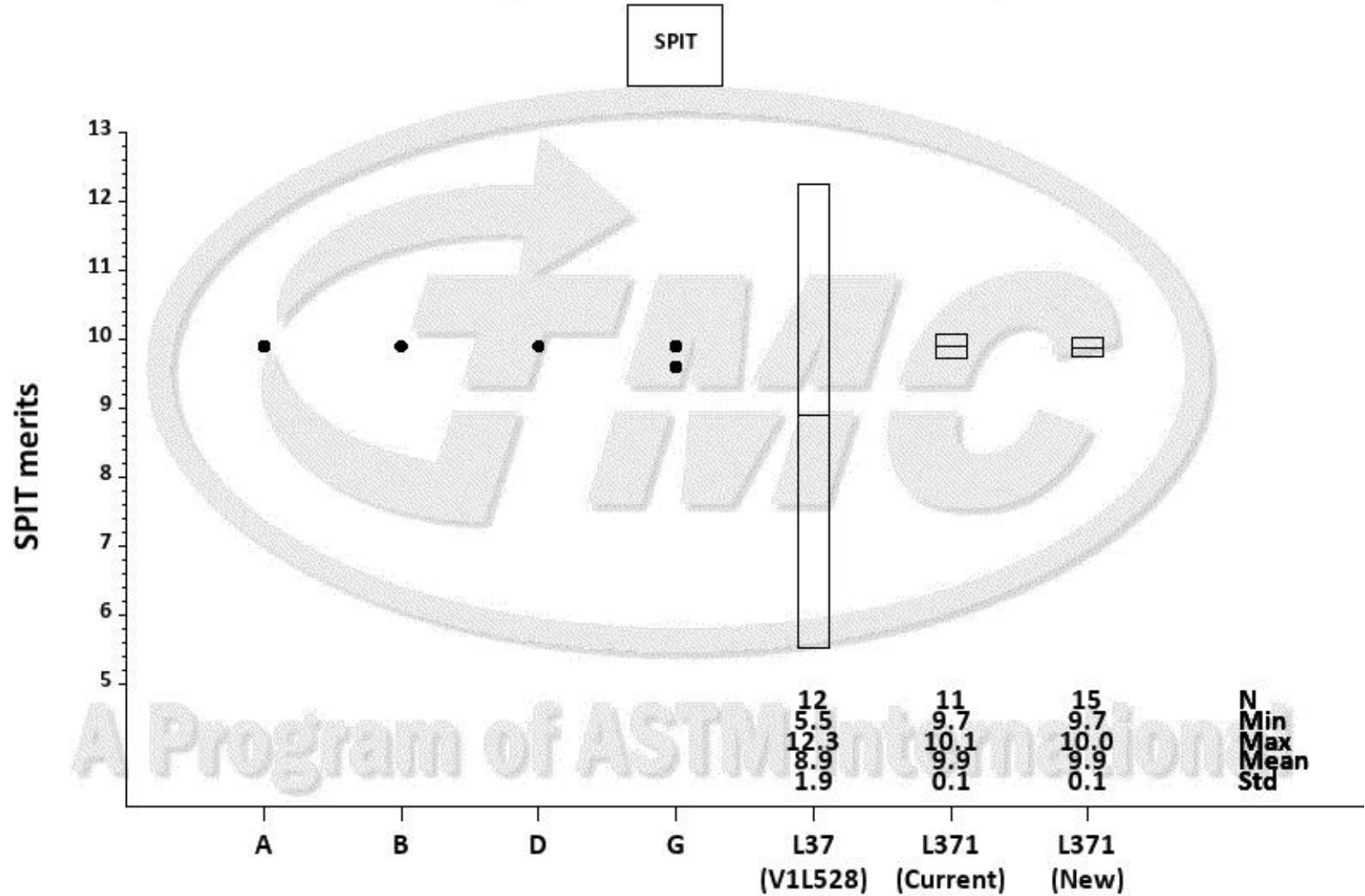
# L-371 (D8165)

L-37-1 NONLUBRITED Hardware  
Oil 152-2 Test Target Data Set and Shewart Severity Limits



# L-371 (D8165)

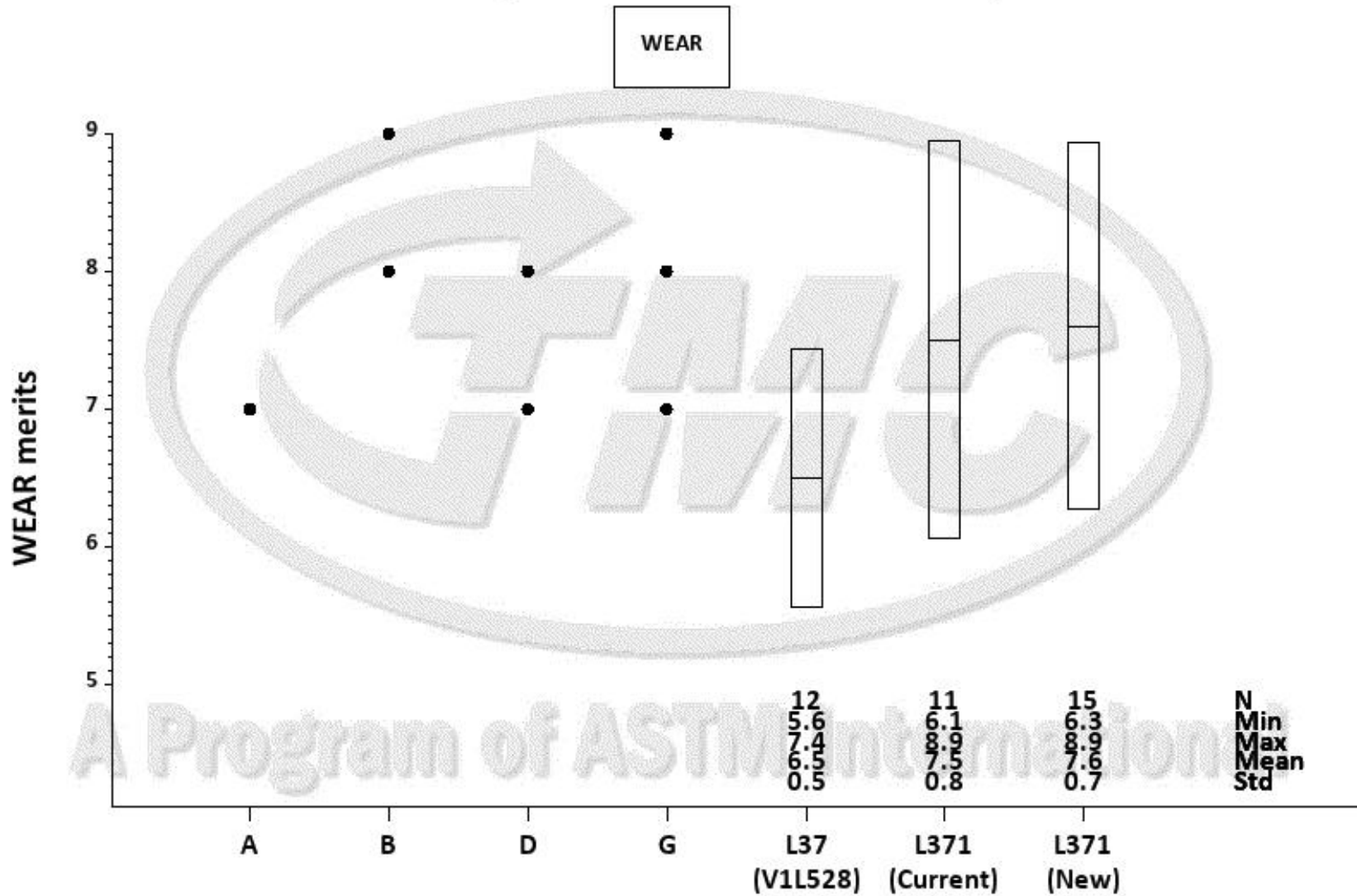
L-37-1 NONLUBRITED Hardware  
Oil 152-2 Test Target Data Set and Shewart Severity Limits





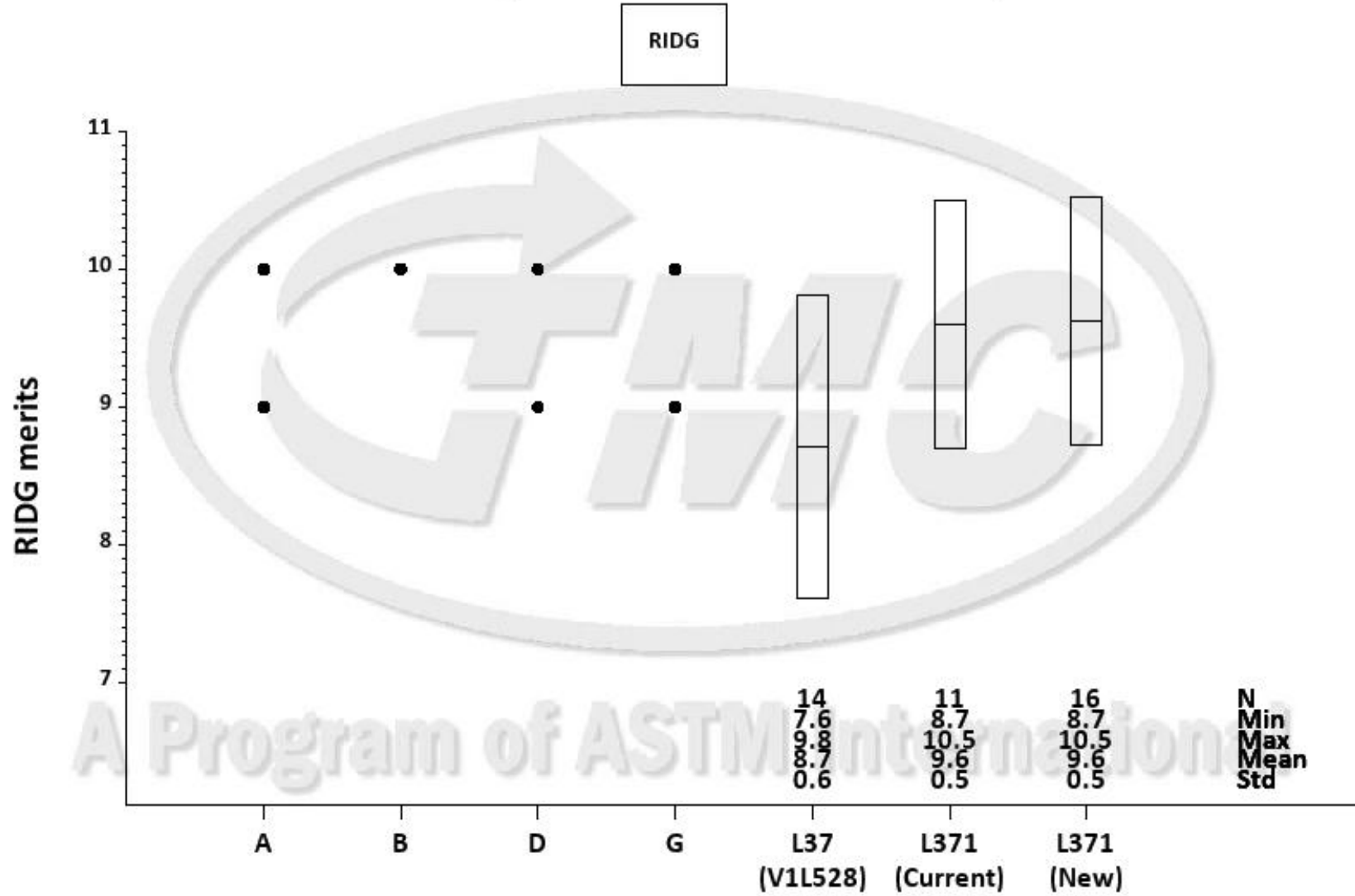
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L-37-1 NONLUBRITED Hardware  
Oil 152-2 Test Target Data Set and Shewart Severity Limits



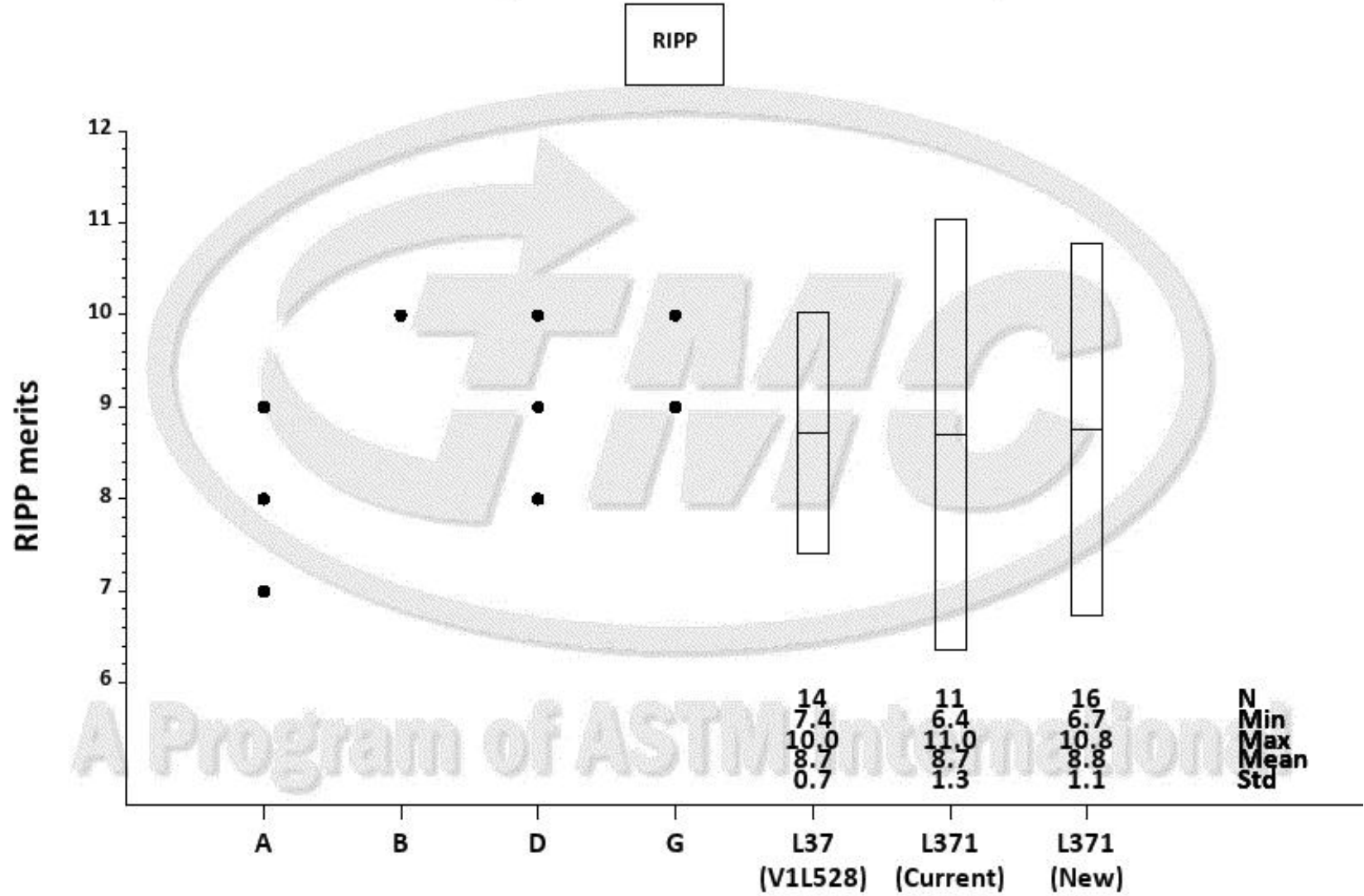
# L-371 (D8165)

L-37-1 NONLUBRITED Hardware  
Oil 155-1 Test Target Data Set and Shewart Severity Limits



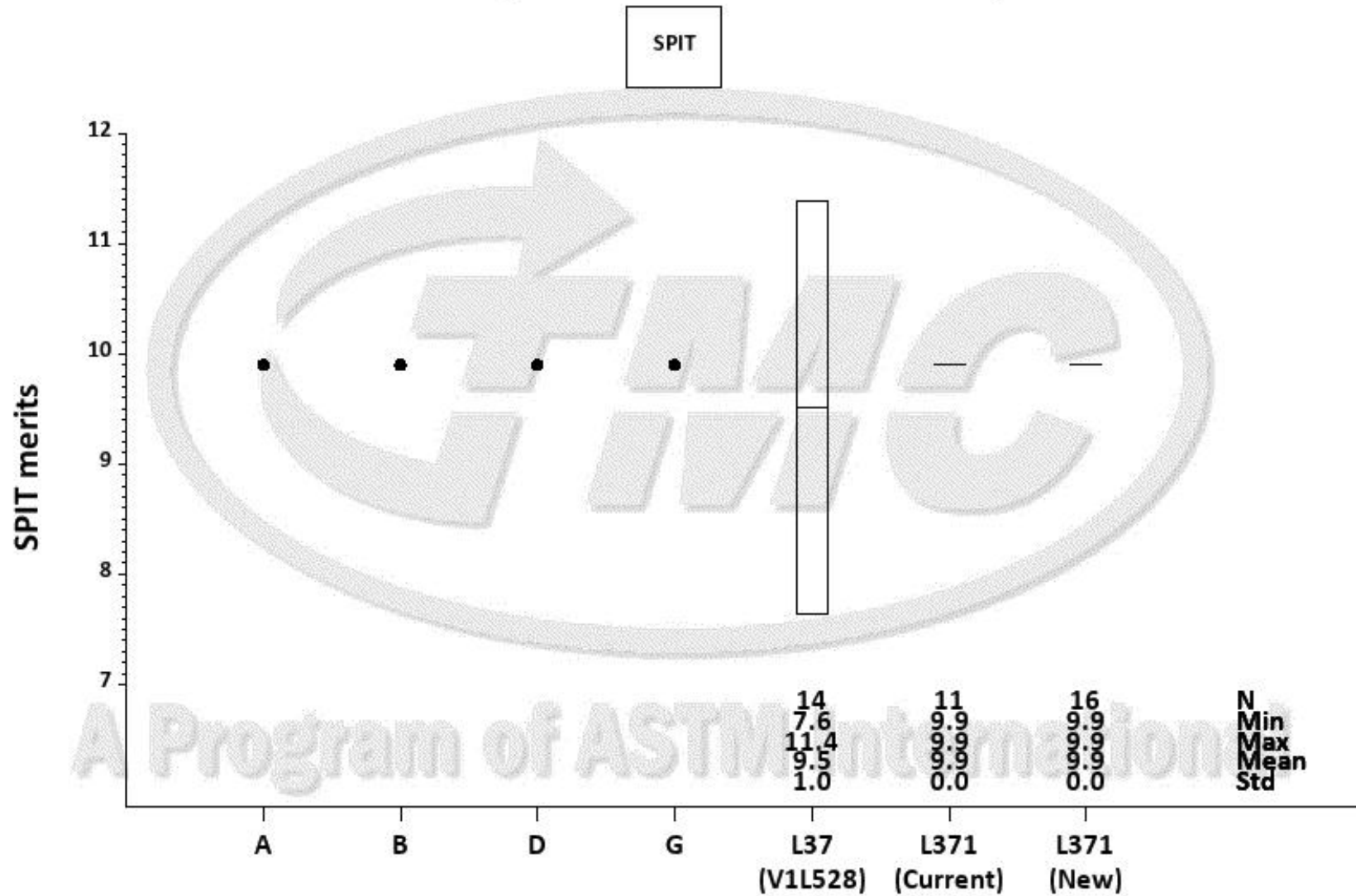
# L-371 (D8165)

L-37-1 NONLUBRITED Hardware  
Oil 155-1 Test Target Data Set and Shewart Severity Limits



# L-371 (D8165)

L-37-1 NONLUBRITED Hardware  
Oil 155-1 Test Target Data Set and Shewart Severity Limits



# L-371 (D8165)

L-37-1 NONLUBRITED Hardware  
Oil 155-1 Test Target Data Set and Shewart Severity Limits

