




Test Monitoring Center

@ Carnegie Mellon University
6555 Penn Avenue, Pittsburgh, PA 15206, USA

<http://astmtmc.cmu.edu>
412-365-1000

MEMORANDUM: 17-026
DATE: July 28, 2017
TO: L-37-1 Surveillance Panel
FROM: Scott Parke 
SUBJECT: Initial reference oil targets for nonlubricated L-37-1

Reference test targets for L-37-1 testing have been approved. These targets are in effect for all testing completed on or after July 16, 2013 (the date of the first reported test in the database). Plots and the data used to compute these targets are attached.

TMC IND	Parameter	Mean	Std.
134	RIDG	3.8	1.2
	RIPP	7.8	1.2
	WEAR	4.8	1.2
	SPIT	7.7	1.9
152-2	RIDG	9.3	0.7
	RIPP	8.9	1.6
	WEAR	7.8	0.9
	SPIT	9.9	0.0
155-1	RIDG	9.6	0.5
	RIPP	9.6	0.5
	WEAR	7.9	0.7
	SPIT	9.9	0.0

SDP/sdp/mem17-026.sdp.doc

cc: Frank Farber
Jeff Clark

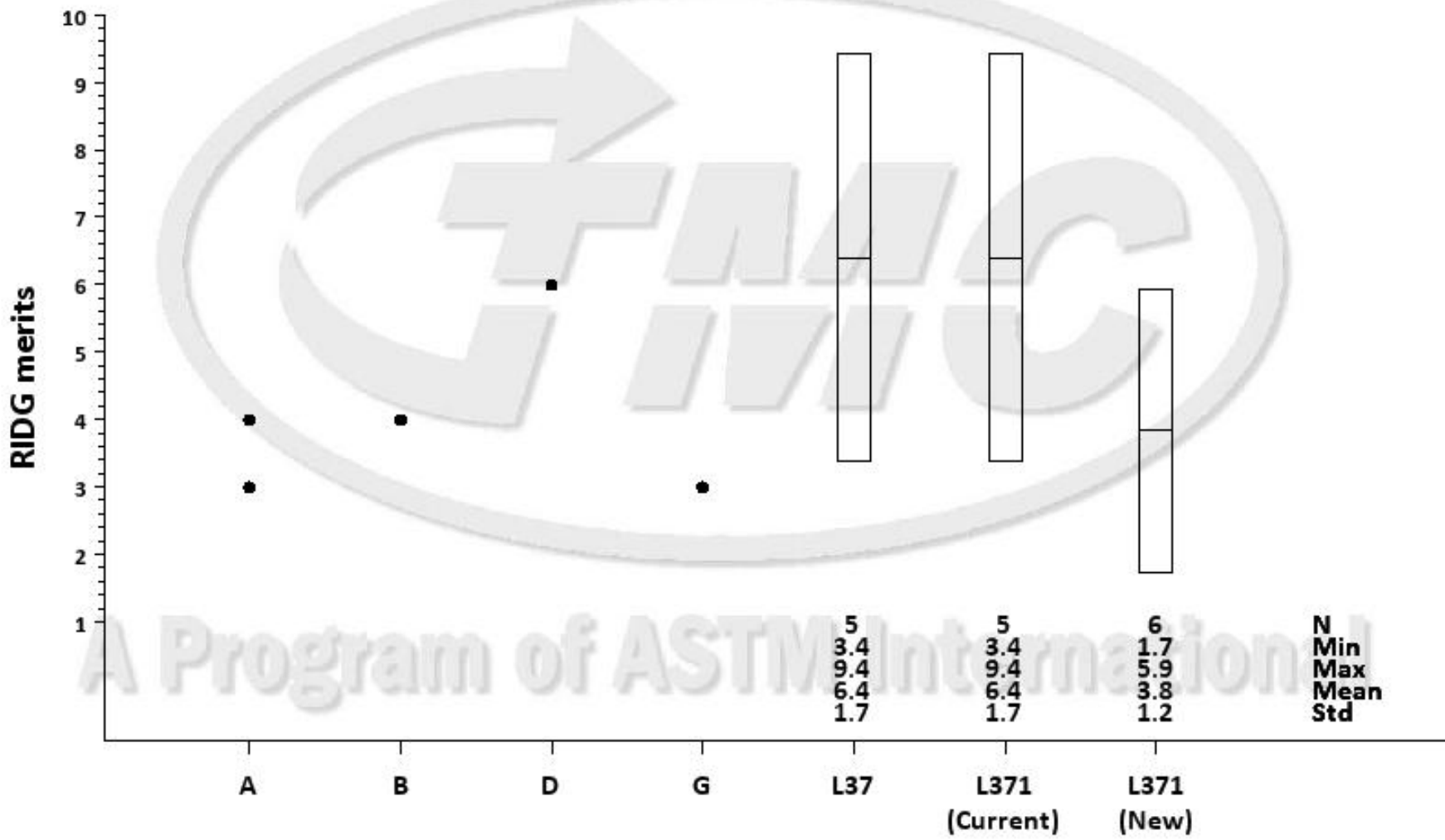
<http://www.astmtmc.cmu.edu/ftp/docs/gear/1331/memos/mem17-026.sdp.pdf>

Distribution: email

L-37-1 NONLUBRITED Hardware

Oil 134 Test Target Data Set and Shewart Severity Limits

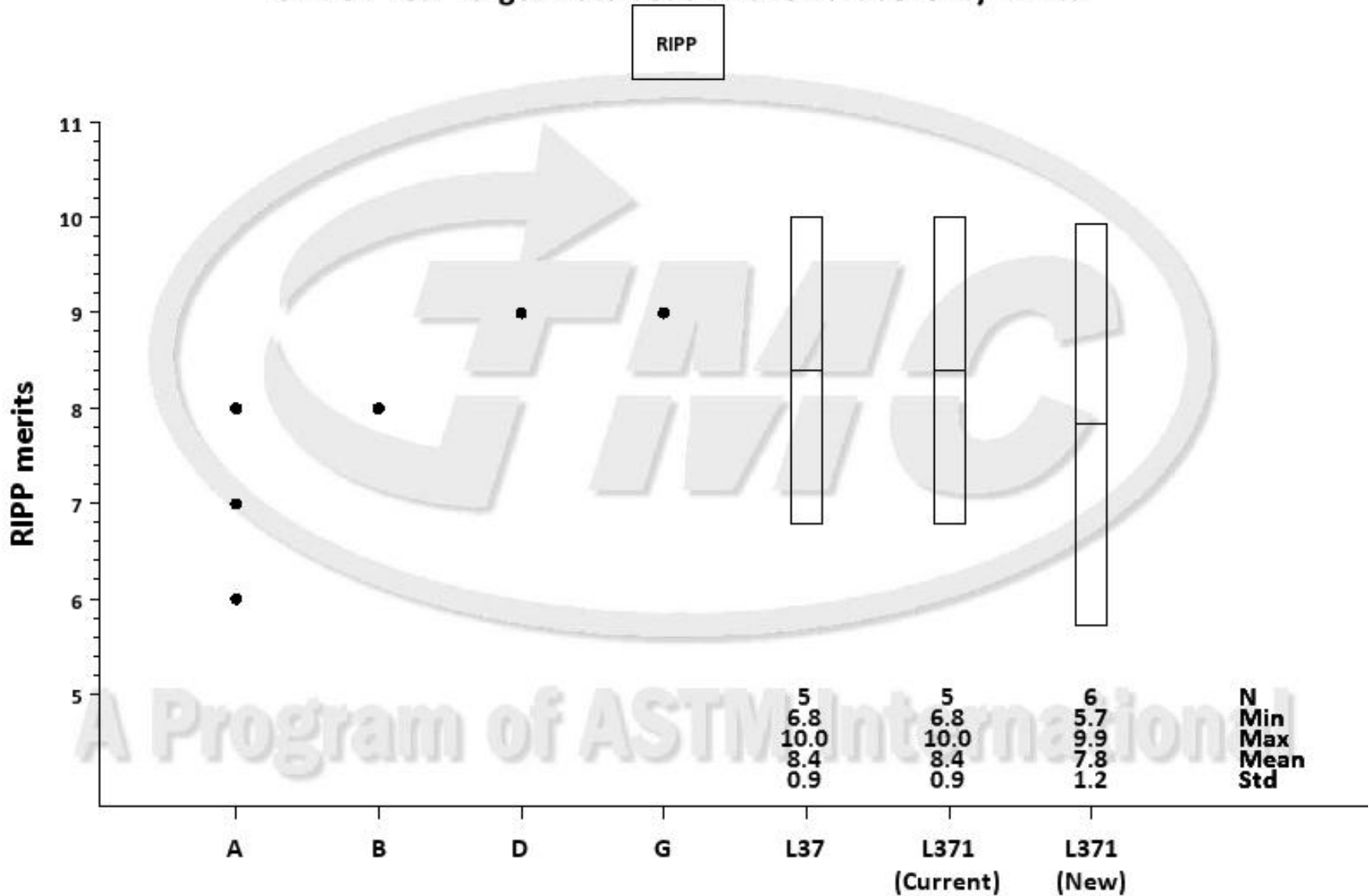
RIDG



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L-37-1 NONLUBRITED Hardware

Oil 134 Test Target Data Set and Shewart Severity Limits



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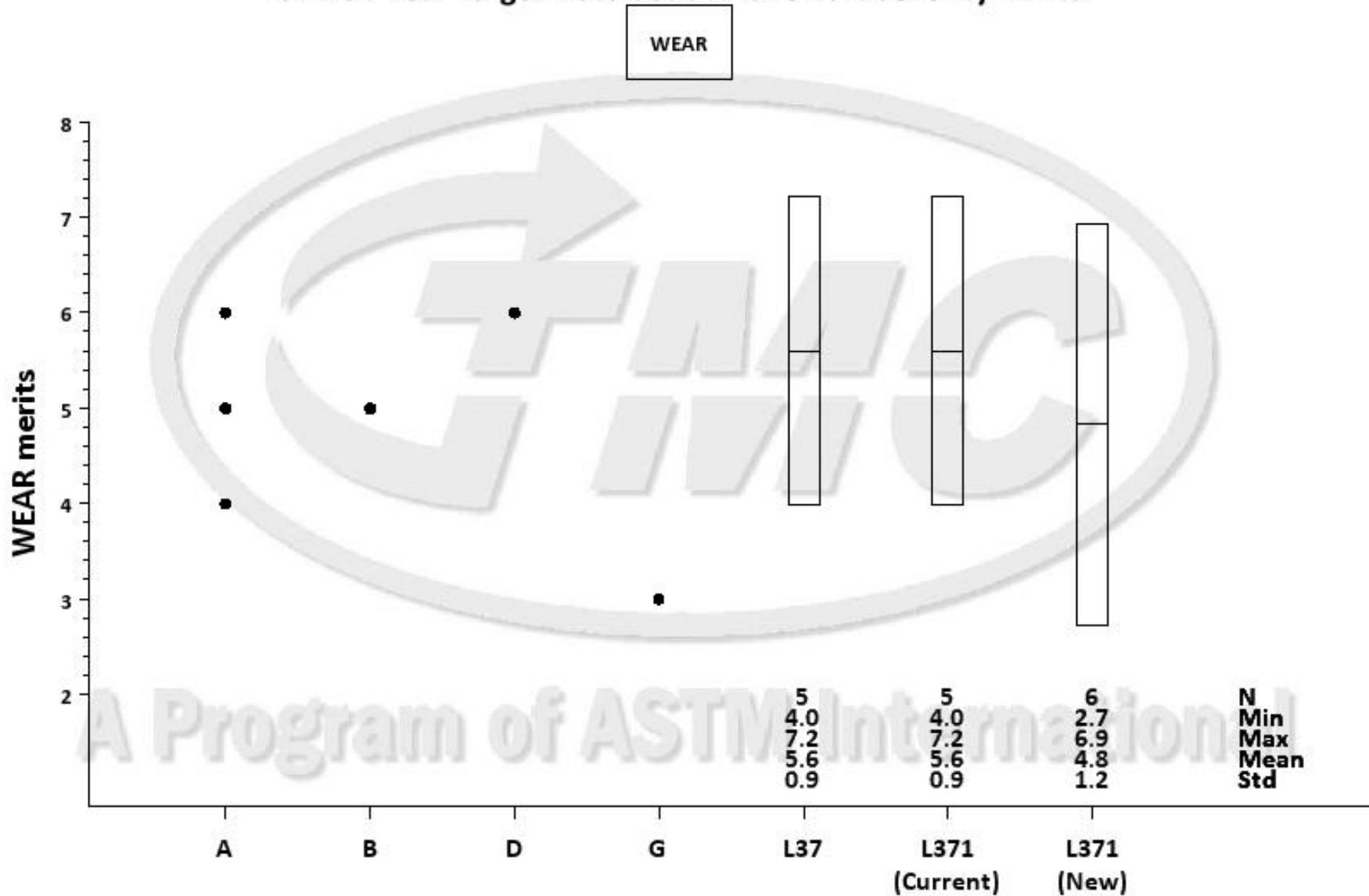
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L-37-1 NONLUBRITED Hardware

Oil 134 Test Target Data Set and Shewart Severity Limits



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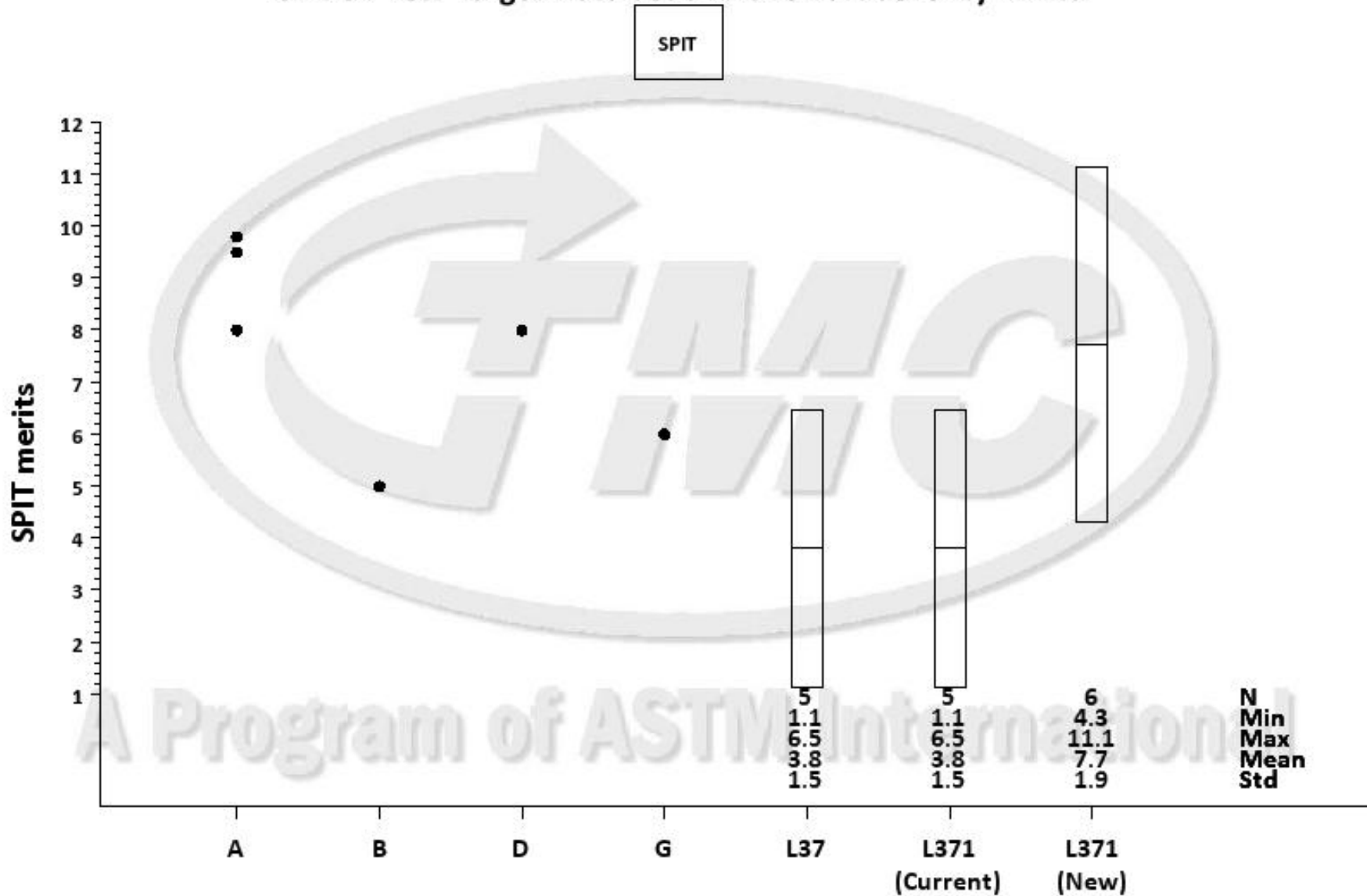
<http://astmtmc.cmu.edu>



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L-37-1 NONLUBRITED Hardware

Oil 134 Test Target Data Set and Shewart Severity Limits



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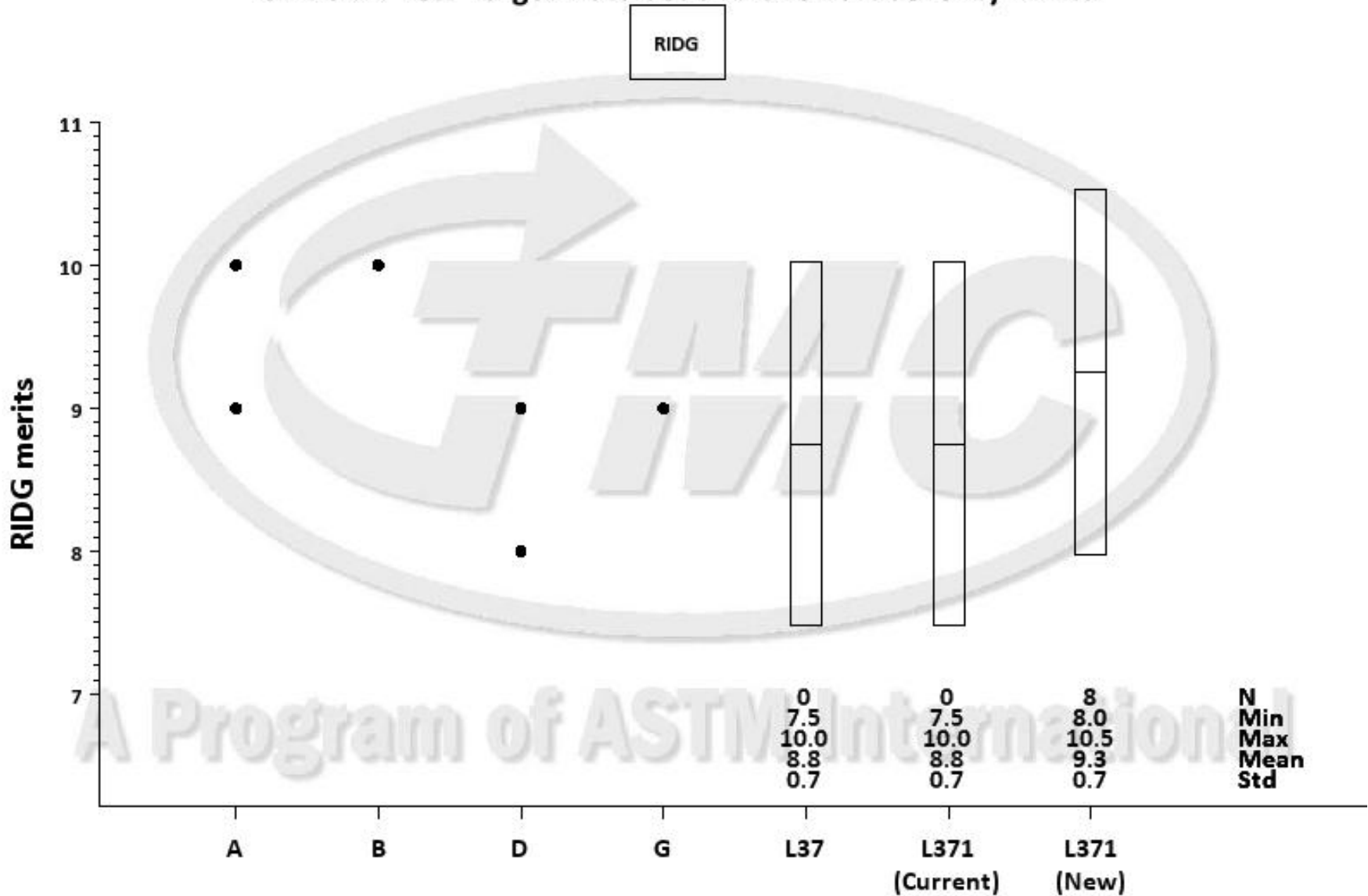
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Oil 152-2 Test Target Data Set and Shewart Severity Limits



13:53:43 27JUL2017

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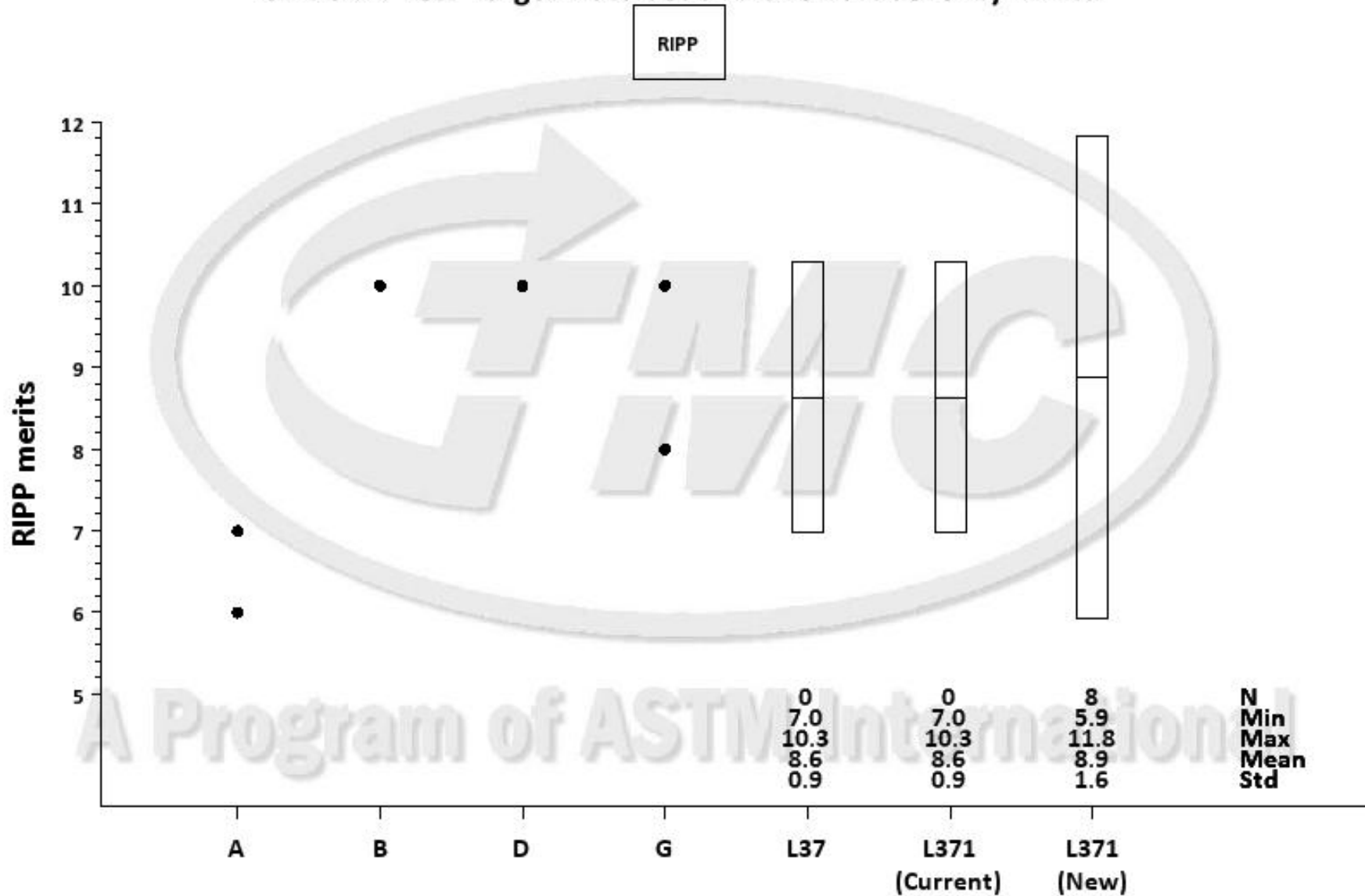
<http://astmtmc.cmu.edu>



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L-37-1 NONLUBRITED Hardware

Oil 152-2 Test Target Data Set and Shewart Severity Limits



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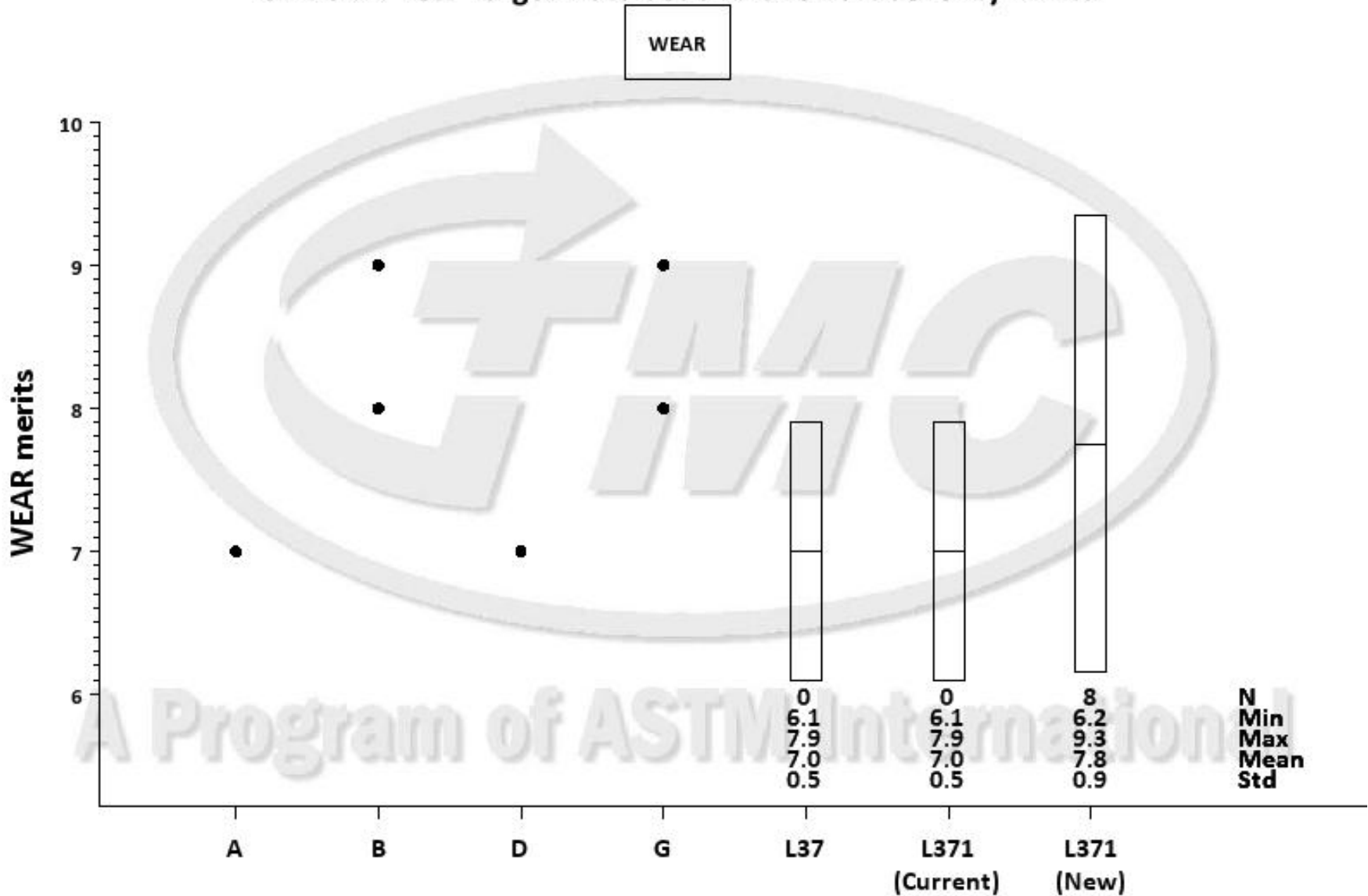
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L-37-1 NONLUBRITED Hardware

Oil 152-2 Test Target Data Set and Shewart Severity Limits



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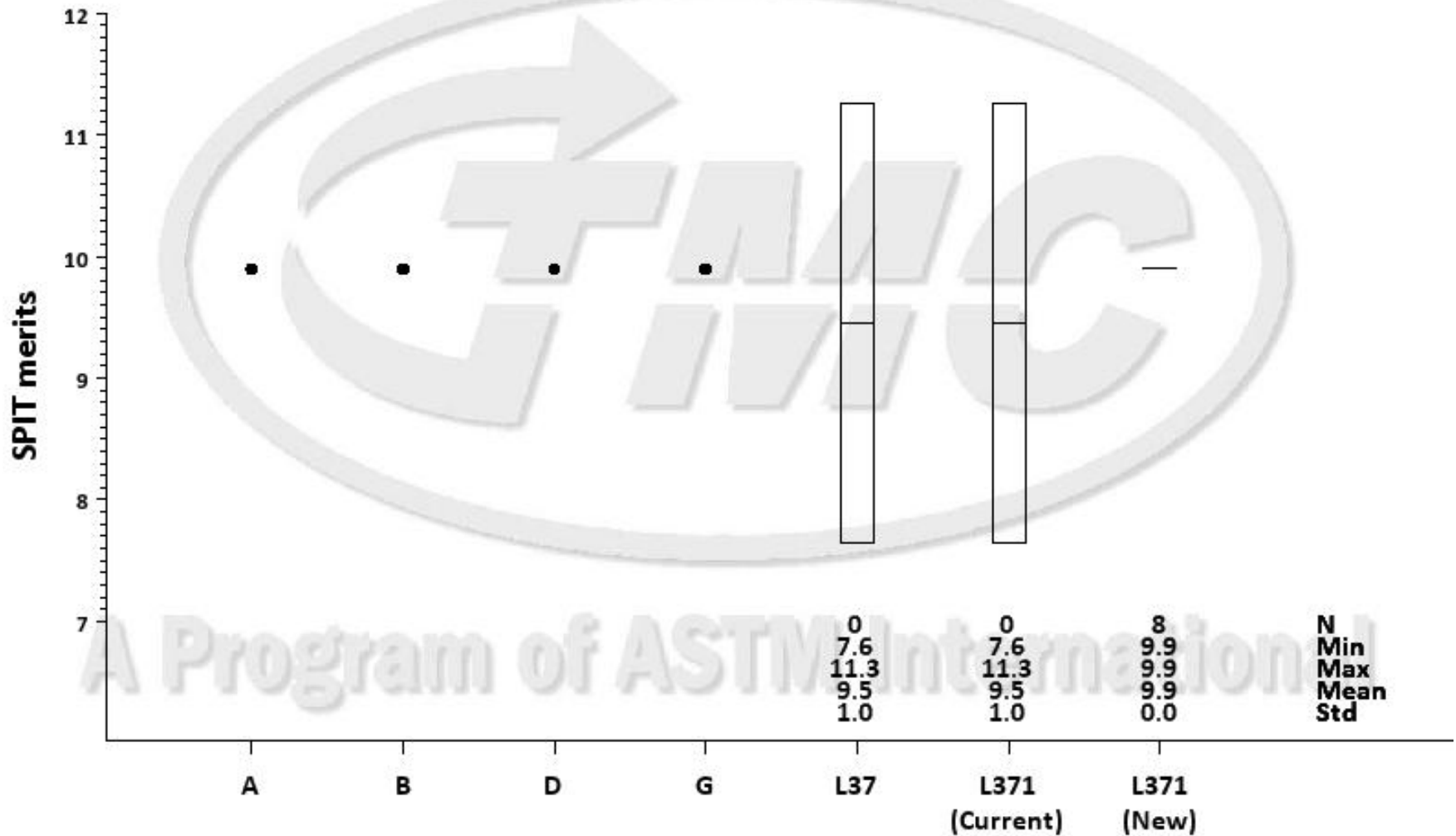


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L-37-1 NONLUBRITED Hardware

Oil 152-2 Test Target Data Set and Shewart Severity Limits

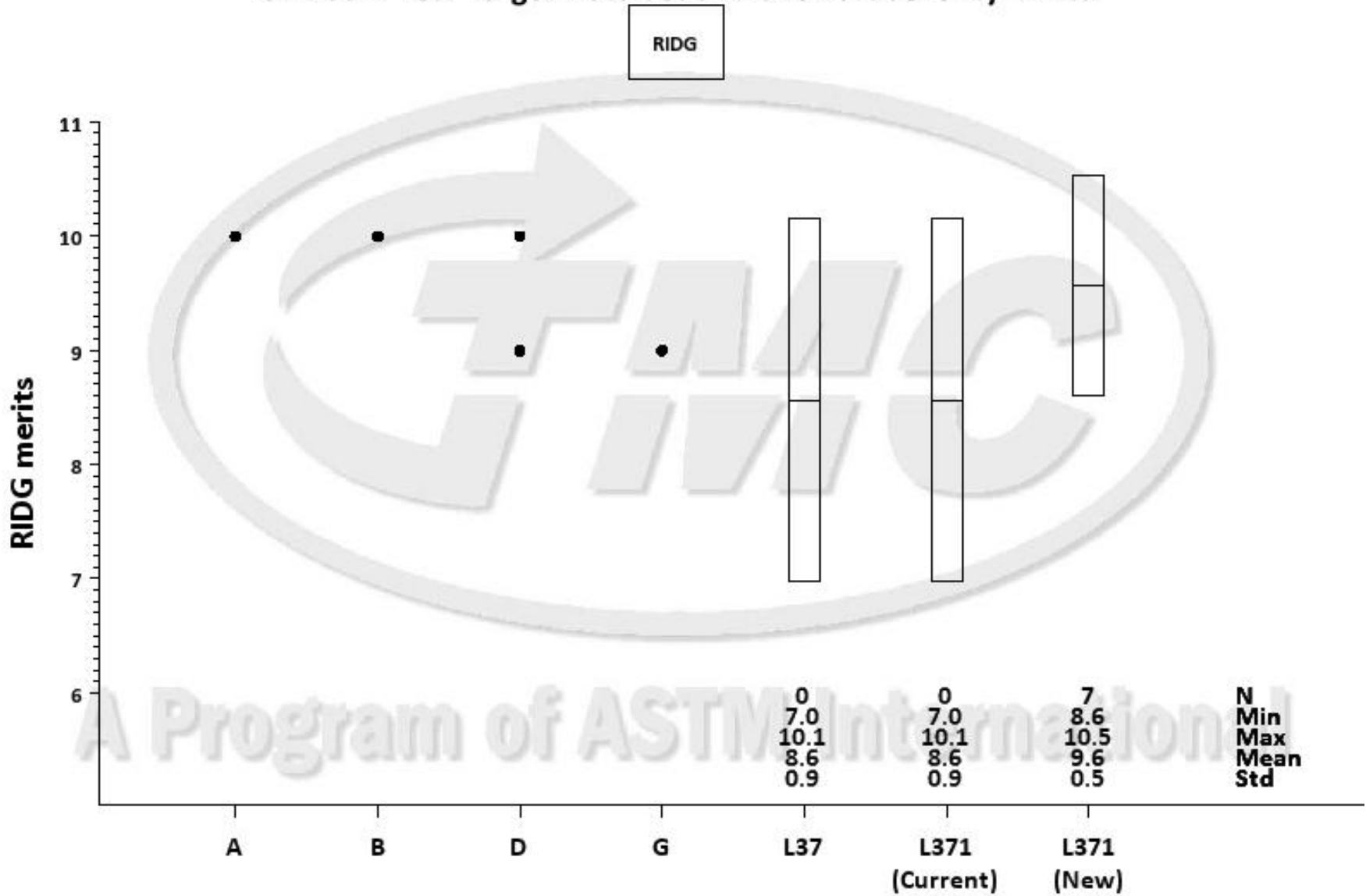
SPIT



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L-37-1 NONLUBRITED Hardware

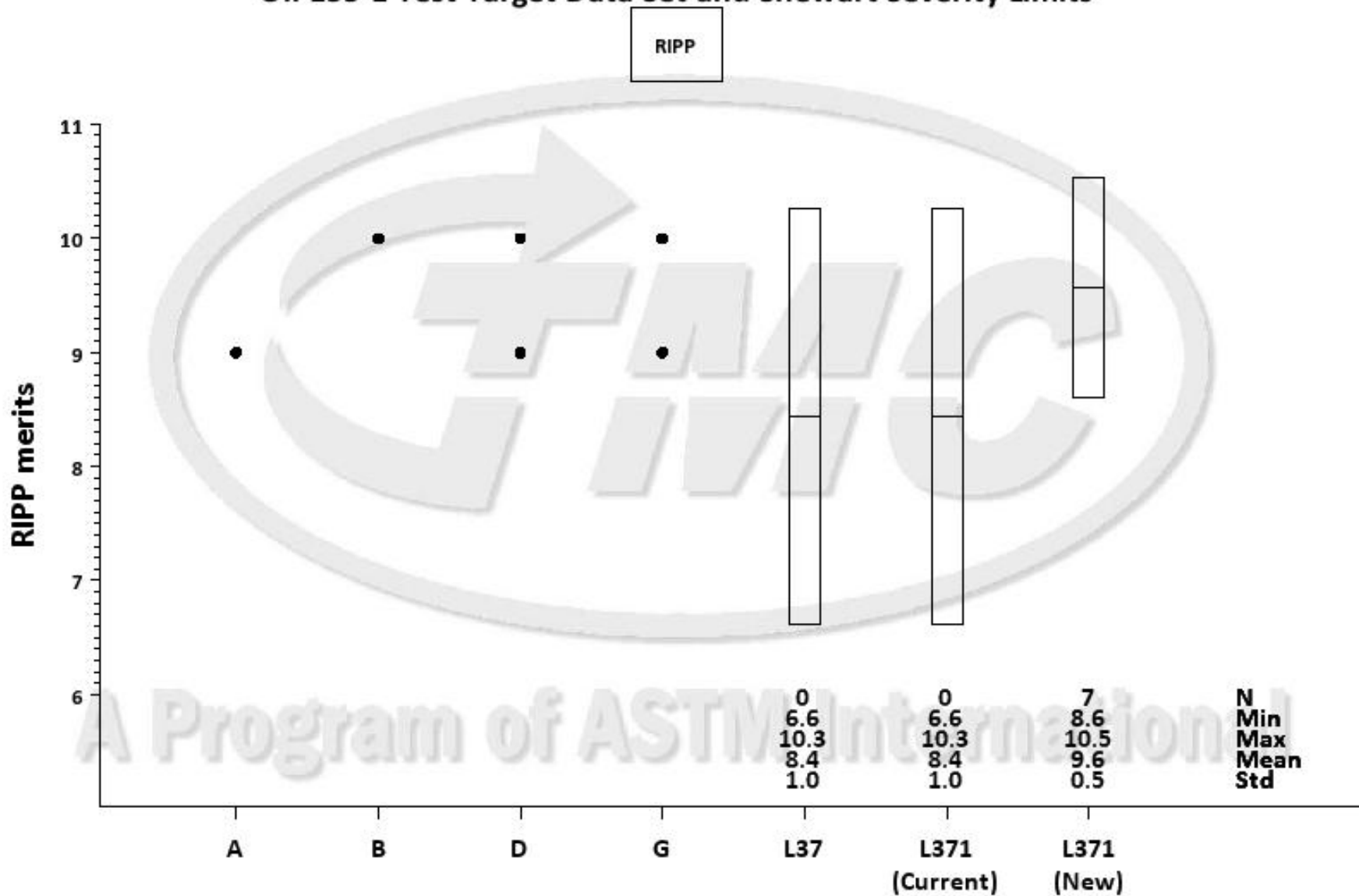
Oil 155-1 Test Target Data Set and Shewart Severity Limits



13:54:03 27JUL2017

L-37-1 NONLUBRITED Hardware

Oil 155-1 Test Target Data Set and Shewart Severity Limits



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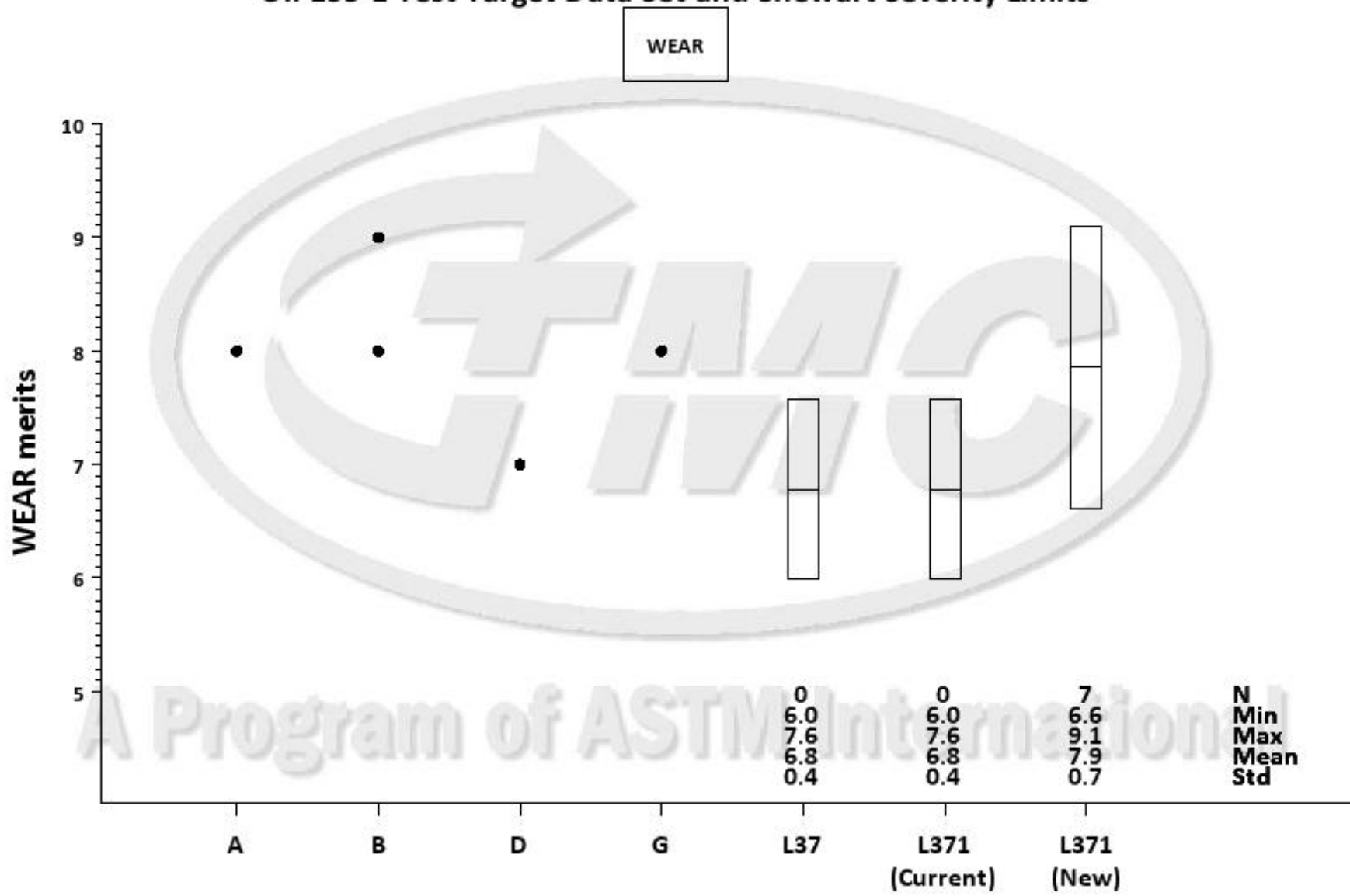
<http://astmtmc.cmu.edu>



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L-37-1 NONLUBRITED Hardware

Oil 155-1 Test Target Data Set and Shewart Severity Limits

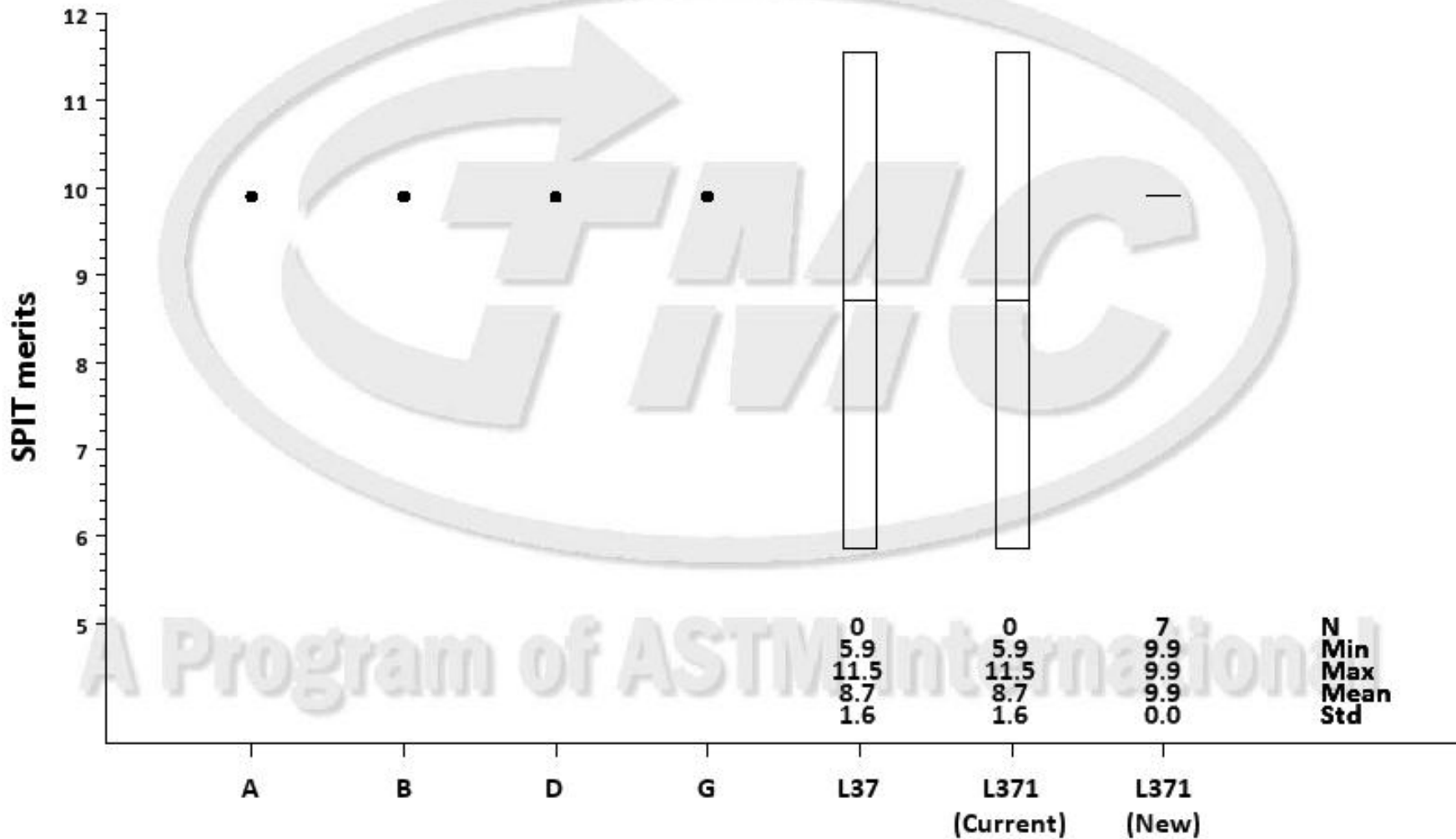


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L-37-1 NONLUBRITED Hardware

Oil 155-1 Test Target Data Set and Shewart Severity Limits

SPIT



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Data Included in This Target Update

IND	TESTKEY	LTMSDATE	LTMSLAB	RIDG	RIPP	WEAR	SPIT
134	107190-L371	20150721	G	3	9	3	6
134	107311-L371	20150510	B	4	8	5	5
134	106146-L371	20150307	A	4	7	4	9.8
134	106145-L371	20150227	A	3	8	5	8
134	99160-L371	20150217	D	6	9	6	8
134	90169-L371	20150107	A	3	6	6	9.5
152-2	107195-L371	20150808	G	9	10	8	9.9
152-2	107194-L371	20150805	G	9	8	9	9.9
152-2	99173-L371	20150507	B	10	10	8	9.9
152-2	99172-L371	20150503	B	10	10	9	9.9
152-2	99163-L371	20150321	D	8	10	7	9.9
152-2	99162-L371	20150319	D	9	10	7	9.9
152-2	107272-L371	20150312	A	9	6	7	9.9
152-2	107271-L371	20150305	A	10	7	7	9.9
155-1	106965-L371	20150730	G	9	9	8	9.9
155-1	106964-L371	20150724	G	9	10	8	9.9
155-1	106969-L371	20150502	B	10	10	9	9.9
155-1	106968-L371	20150430	B	10	10	8	9.9
155-1	106960-L371	20150325	D	10	10	7	9.9
155-1	106973-L371	20150225	A	10	9	8	9.9
155-1	106798-L371	20150213	D	9	9	7	9.9