




Test Monitoring Center

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

MEMORANDUM: 16-028
DATE: August 15, 2016
TO: L-60-1 Surveillance Panel
FROM: Scott Parke 
SUBJECT: Update to reference oil 155-1 targets

Thirty-five oil 155-1 tests have now been completed. The targets have been updated. This will be the final scheduled update for this oil. The new targets are shown below and are in effect for all testing completed on or after August 12, 2016. Plots and the data used to compute these targets are attached.

	Mean	Std.
ACV merit	8.760	0.586
ASL merit	9.426	0.101
PEN %	1.509	0.434
TOL %	1.109	0.530
VISI %	28.800	3.669

SDP/sdp/mem16-028.sdp.doc

cc: Frank Farber

Jeff Clark

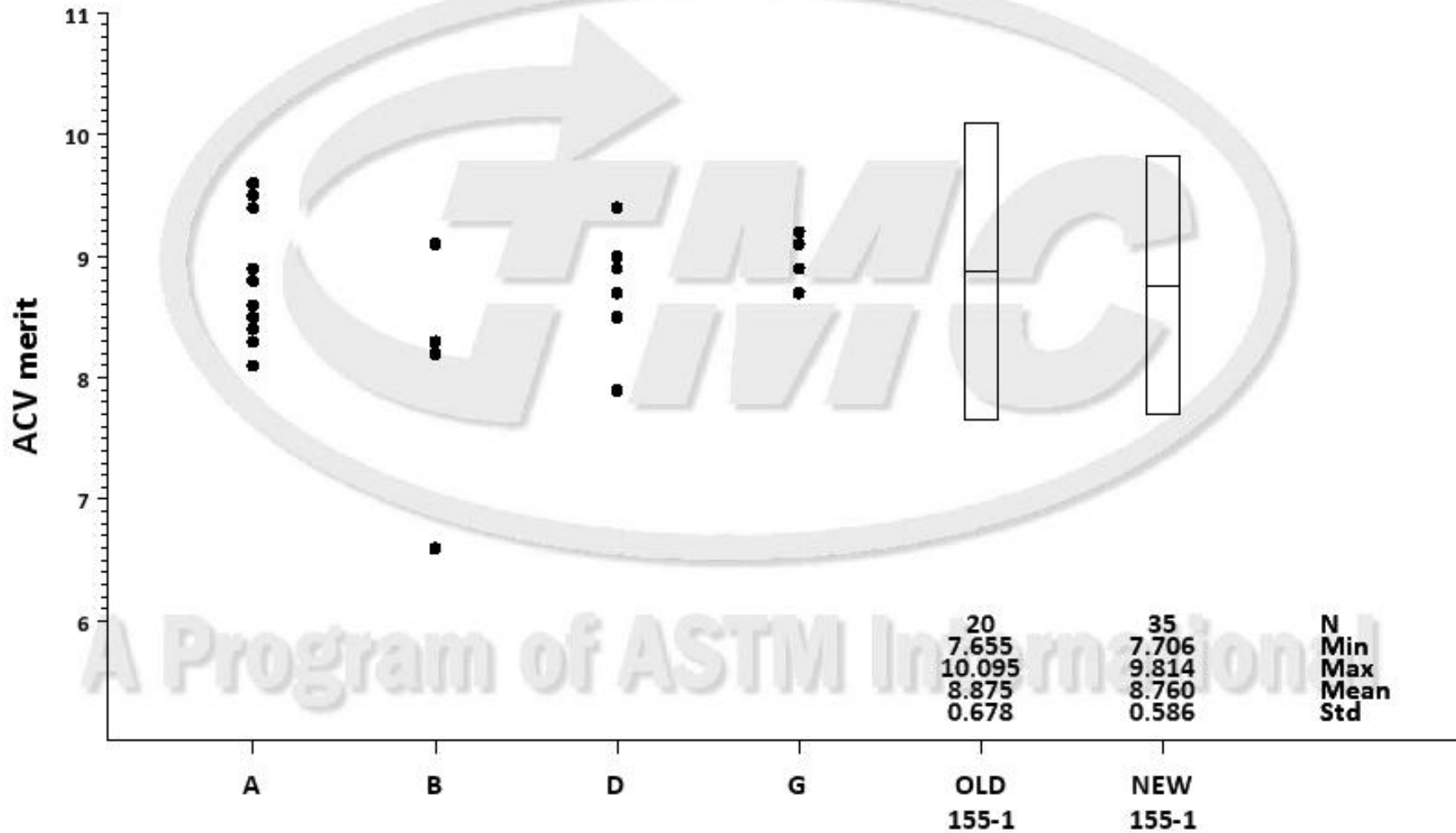
<ftp://ftp.astmtmc.cmu.edu/docs/gear/l601/memos/mem16-028.sdp.pdf>

Distribution: email

L-60-1 Oil Reference Oil 155-1

Test Target Data Set and Shewart Severity Limits

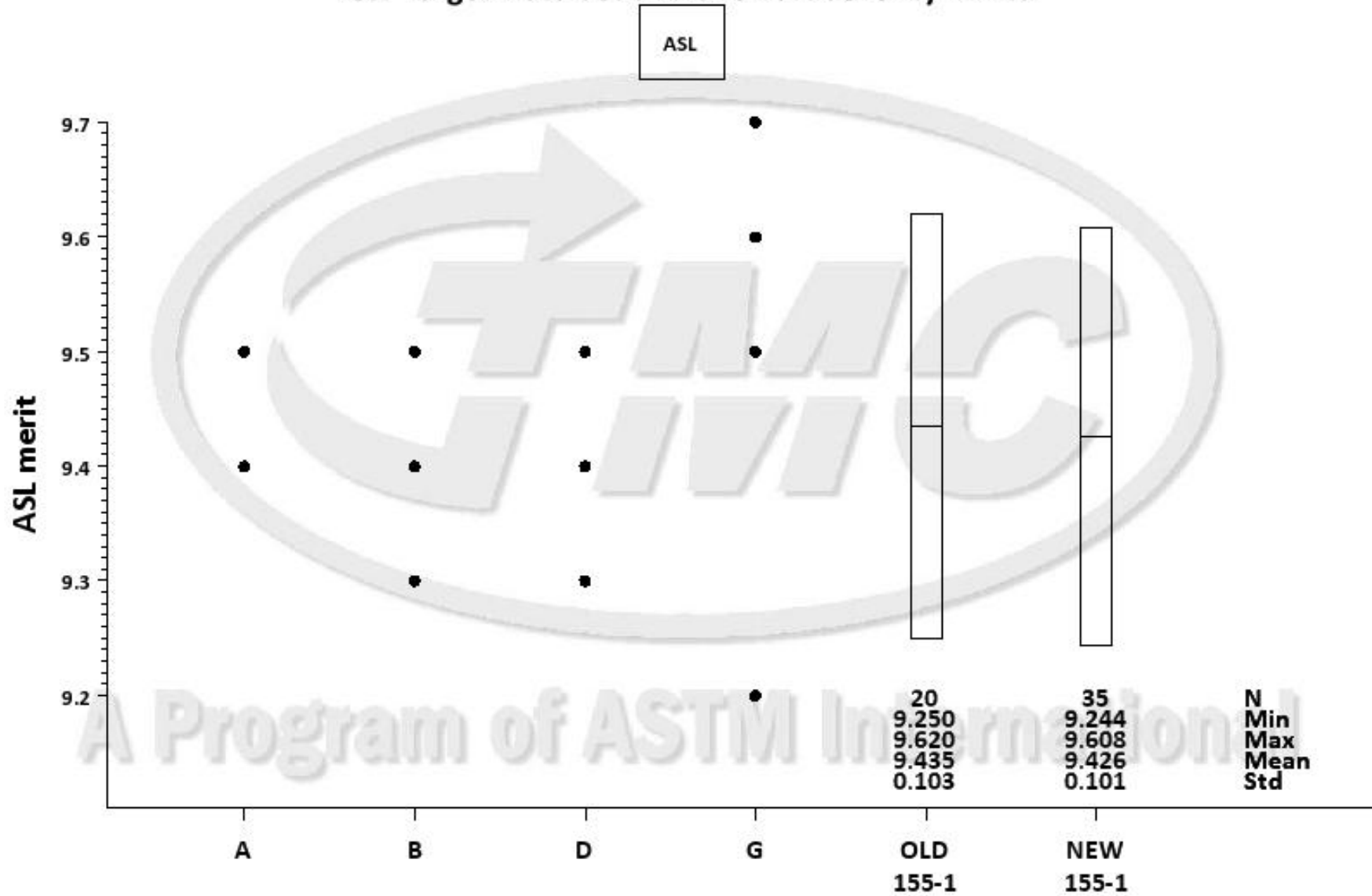
ACV



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L-60-1 Oil Reference Oil 155-1

Test Target Data Set and Shewart Severity Limits

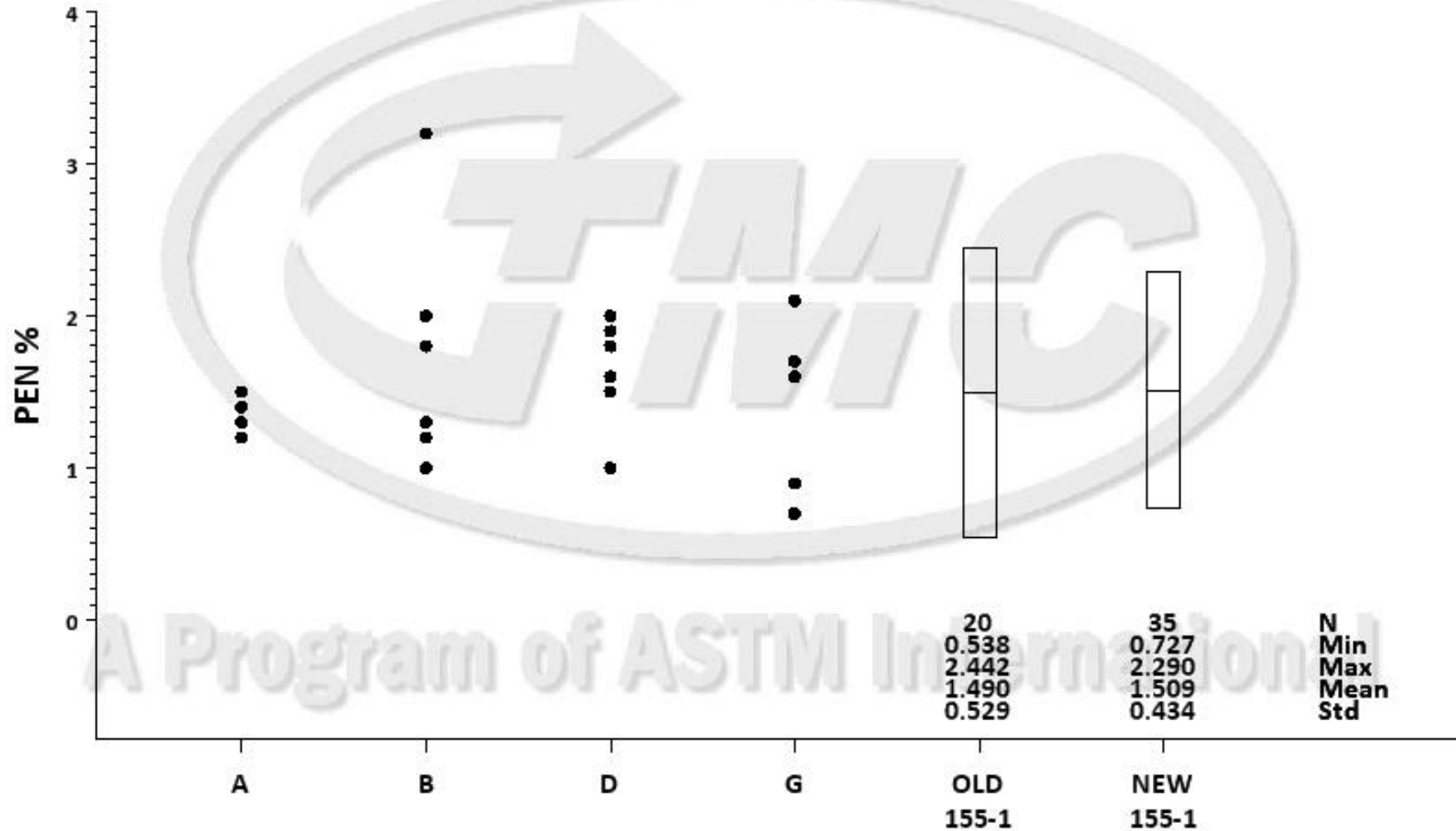


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L-60-1 Oil Reference Oil 155-1

Test Target Data Set and Shewart Severity Limits

PEN

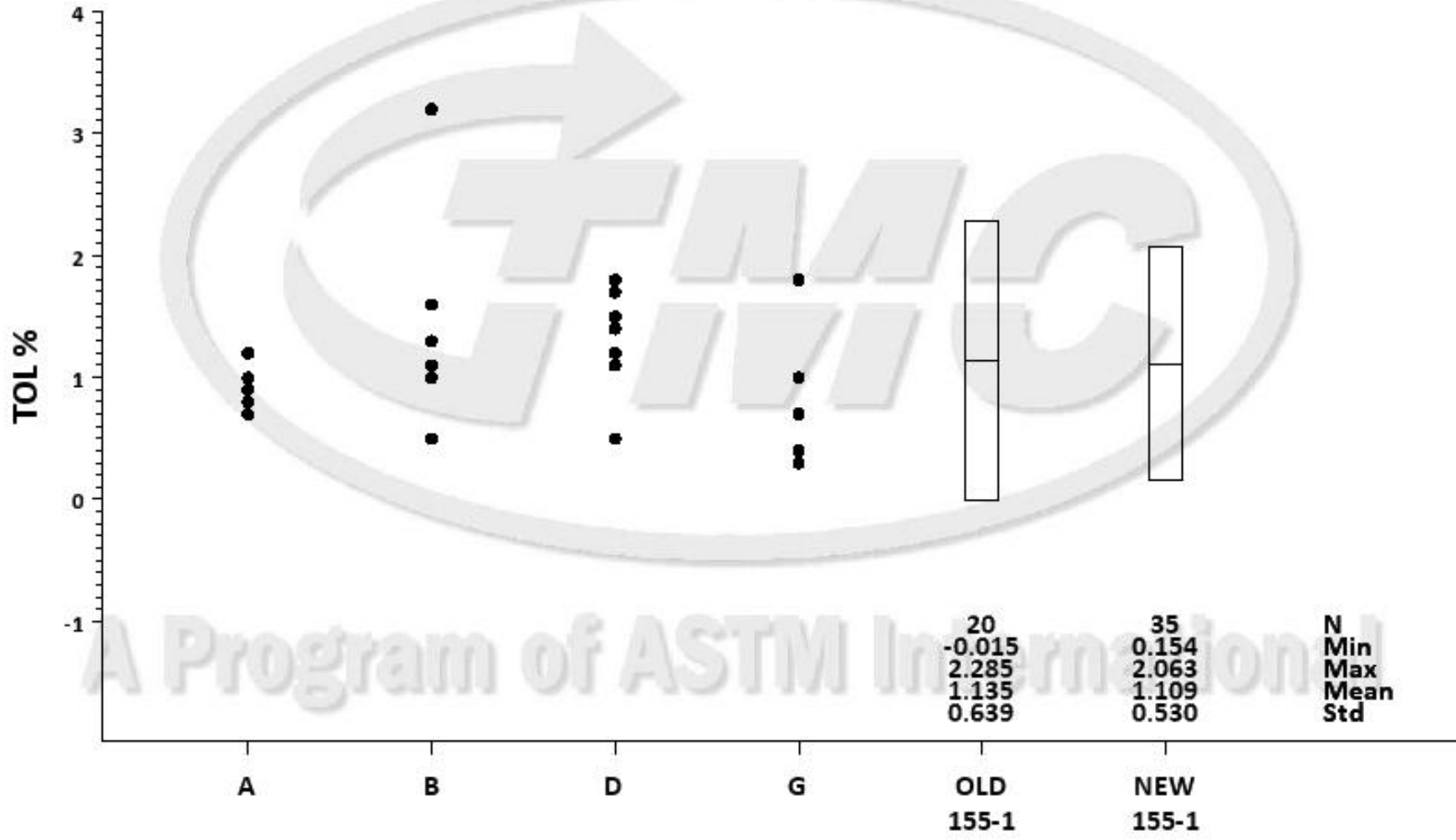


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L-60-1 Oil Reference Oil 155-1

Test Target Data Set and Shewart Severity Limits

TOL

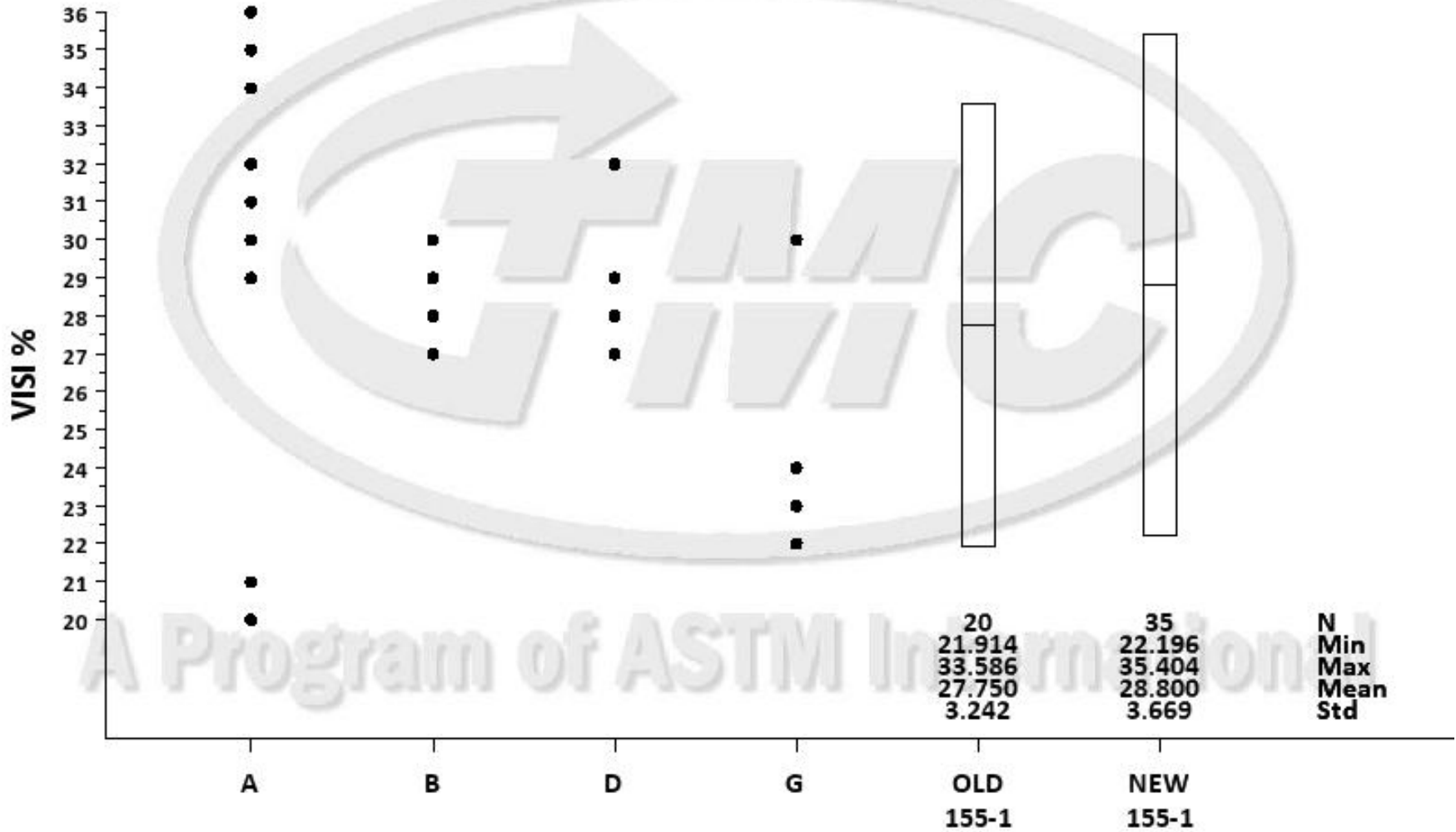


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L-60-1 Oil Reference Oil 155-1

Test Target Data Set and Shewart Severity Limits

VISI



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Data Included in This Target Update

Obs	TESTKEY	LTMSDATE	LTMSLAB	LTMSAPP	VISI	PEN	TOL	ACV	ASL
1	118597-L601	20160811	A	2A	32	1.2	0.8	8.8	9.5
2	118596-L601	20160801	A	9	31	1.5	1.0	8.1	9.5
3	116840-L601	20160729	A	2A	35	1.5	0.9	8.8	9.4
4	116839-L601	20160722	A	2A	36	1.4	0.7	8.6	9.4
5	105150-L601	20160715	G	1	30	2.1	1.8	9.1	9.2
6	102552-L601	20160713	D	3F	28	1.9	1.5	7.9	9.5
7	116838-L601	20160701	A	2A	34	1.3	0.8	8.1	9.4
8	116837-L601	20160626	A	9	31	1.3	1.0	8.4	9.4
9	116836-L601	20160512	A	9	29	1.3	0.9	8.9	9.5
10	101567-L601	20160428	G	1	22	1.6	1.0	9.2	9.5
11	101566-L601	20160422	G	1	23	1.7	0.7	9.2	9.2
12	102551-L601	20160414	D	1F	32	2.0	1.8	8.7	9.5
13	104991-L601	20160403	A	10A	30	1.3	1.0	8.3	9.4
14	104990-L601	20160331	A	9	31	1.4	1.0	8.5	9.4
15	104997-L601	20160210	B	6	29	3.2	3.2	6.6	9.3
16	104989-L601	20160111	A	9	32	1.5	0.9	8.9	9.4
17	104988-L601	20151217	A	2A	32	1.5	1.0	9.5	9.5
18	102550-L601	20150212	D	3F	29	1.5	1.2	8.5	9.4
19	104996-L601	20150202	B	5A	29	1.3	1.3	8.2	9.4
20	101559-L601	20150104	B	6	28	1.0	0.5	8.3	9.3
21	101558-L601	20141207	B	5A	30	1.8	1.6	8.3	9.5
22	102548-L601	20141130	D	3F	28	1.6	1.2	9.0	9.5
23	101563-L601	20141119	A	9	31	1.3	0.9	9.6	9.4
24	101562-L601	20141118	A	10A	21	1.2	0.8	9.6	9.5
25	101565-L601	20141117	G	1	24	0.9	0.3	8.9	9.6
26	101564-L601	20141113	G	1	24	0.7	0.4	8.7	9.7
27	102549-L601	20141101	D	1F	29	1.6	1.4	8.7	9.3
28	101557-L601	20141030	B	5A	30	2.0	1.0	9.1	9.5
29	101556-L601	20141026	B	6	27	1.2	1.1	9.1	9.4
30	101554-L601	20140809	D	1F	28	1.0	0.5	8.9	9.4
31	101555-L601	20140809	D	2F	29	1.6	1.1	8.9	9.3
32	101561-L601	20140802	A	10A	29	1.3	0.8	9.4	9.4
33	101553-L601	20140719	D	3F	28	1.9	1.8	9.4	9.4
34	101560-L601	20140714	A	9	20	1.4	1.2	9.4	9.5
35	101552-L601	20140607	D	2F	27	1.8	1.7	9.0	9.4