



Test Monitoring Center

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MEMORANDUM: 01-184
DATE: December 17, 2001
TO: Single Cylinder Diesel Surveillance Panel
FROM: Scott Parke
SUBJECT: Target update for 1R oil 1005-1

The twentieth 1R test on oil 1005-1 has been completed. In the table below are the test targets that will be in effect for 1005-1 for tests ending on or after December 10, 2001. These targets will be used until thirty tests are completed at which time the final fixed targets for this oil will be set.

	Mean	Std Dev	Minimum	Maximum
TGC	34.51	8.70	25.25	51.25
TLC	18.61	6.00	9.50	27.00
WD	327.9	23.1	296.1	364.6
BTOC	10.0	1.1	7.7	11.6
ETOC	8.3	1.0	6.8	9.6

Attached are a table that shows the test results used to generate these targets and data plots graphically illustrating the distribution of these results.

SDP/sdp/ m01-184.sdp.doc

c: F. M. Farber

<ftp://tmc.astm.cmri.cmu.edu/docs/diesel/scote/memos/mem01-184.sdp.doc>

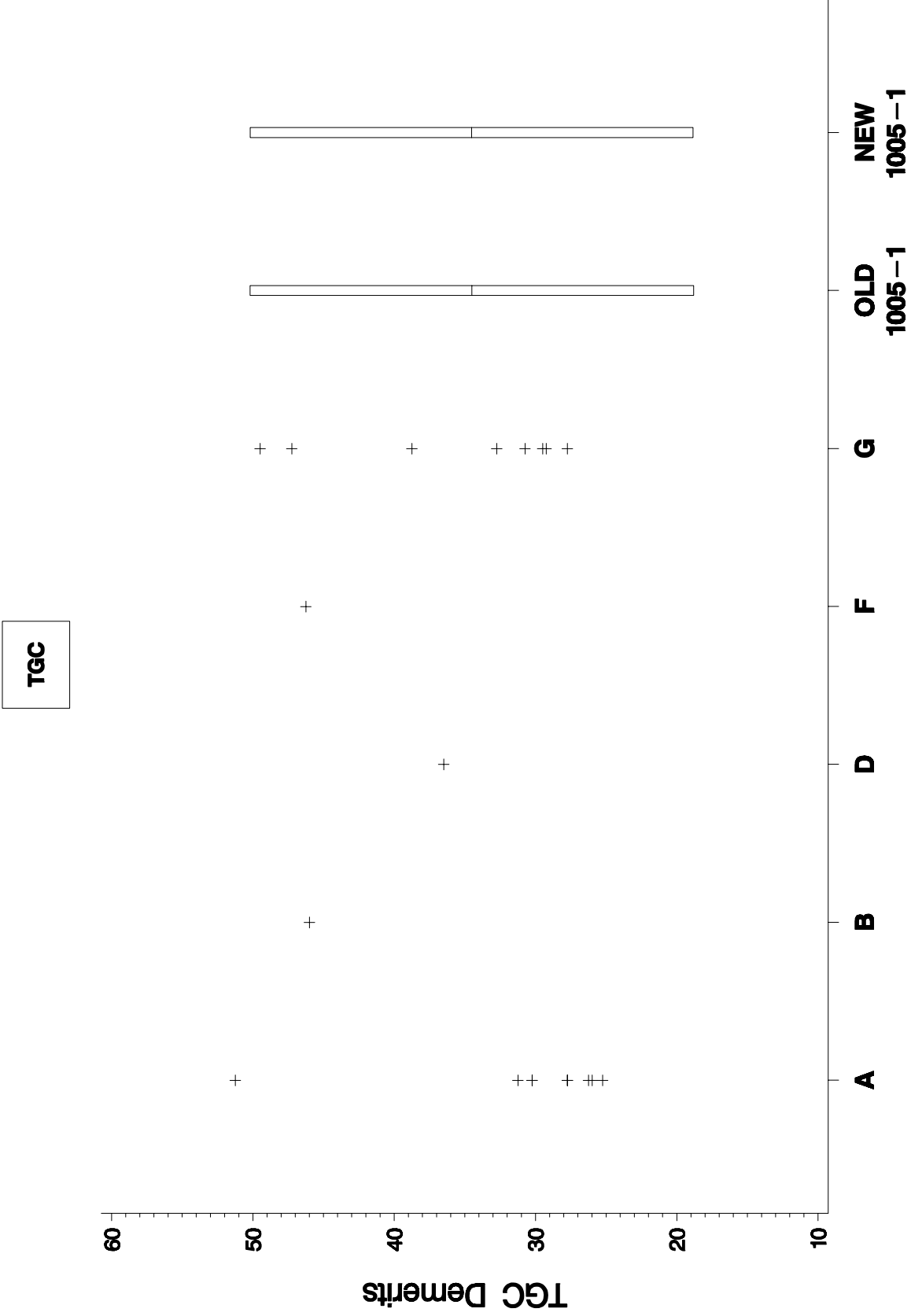
distribution: Email

Test results for n=20 1005-1 targets

CMIR	LAB	STAND	LTMSDATE	WD	TGC	TLC	BTOC	ETOC
41535	A	1	20010704	364.6	51.25	22.00	10.8	8.5
41536	A	2	20010705	350.3	30.25	16.50	8.5	6.8
41545	F	1	20010710	356.7	46.25	26.00	8.0	8.5
41539	G	1	20010711	323.2	47.25	27.00	11.3	8.1
41554	B	1	20010712	331.3	46.00	21.25	11.3	9.3
41540	G	2	20010712	356.1	29.50	22.75	11.3	9.4
41573	A	3	20010802	301.5	25.25	11.50	10.1	8.5
41570	G	3	20010805	304.9	29.25	23.50	9.4	7.5
42169	A	4	20010830	320.6	31.25	14.25	10.2	9.6
41543	D	1	20010902	311.2	36.50	21.00	11.6	9.4
36638	G	4	20010915	307.9	27.75	14.00	9.0	7.1
41311	G	5	20010920	330.2	32.75	14.25	7.7	6.8
42177	A	6	20010921	301.5	27.75	9.75	9.9	7.0
42178	A	7	20010921	296.1	26.25	12.00	9.8	8.9
42398	A	5	20010922	353.8	30.25	23.25	10.1	8.9
42375	A	8	20011001	297.0	27.75	21.50	10.2	9.4
42372	G	6	20011003	341.1	30.75	24.25	11.4	9.4
42376	A	6	20011018	337.3	26.00	11.50	9.7	7.4
42374	G	5	20011110	357.4	49.50	26.50	9.1	7.3
42401	G	5	20011209	314.8	38.75	9.50	10.3	8.1

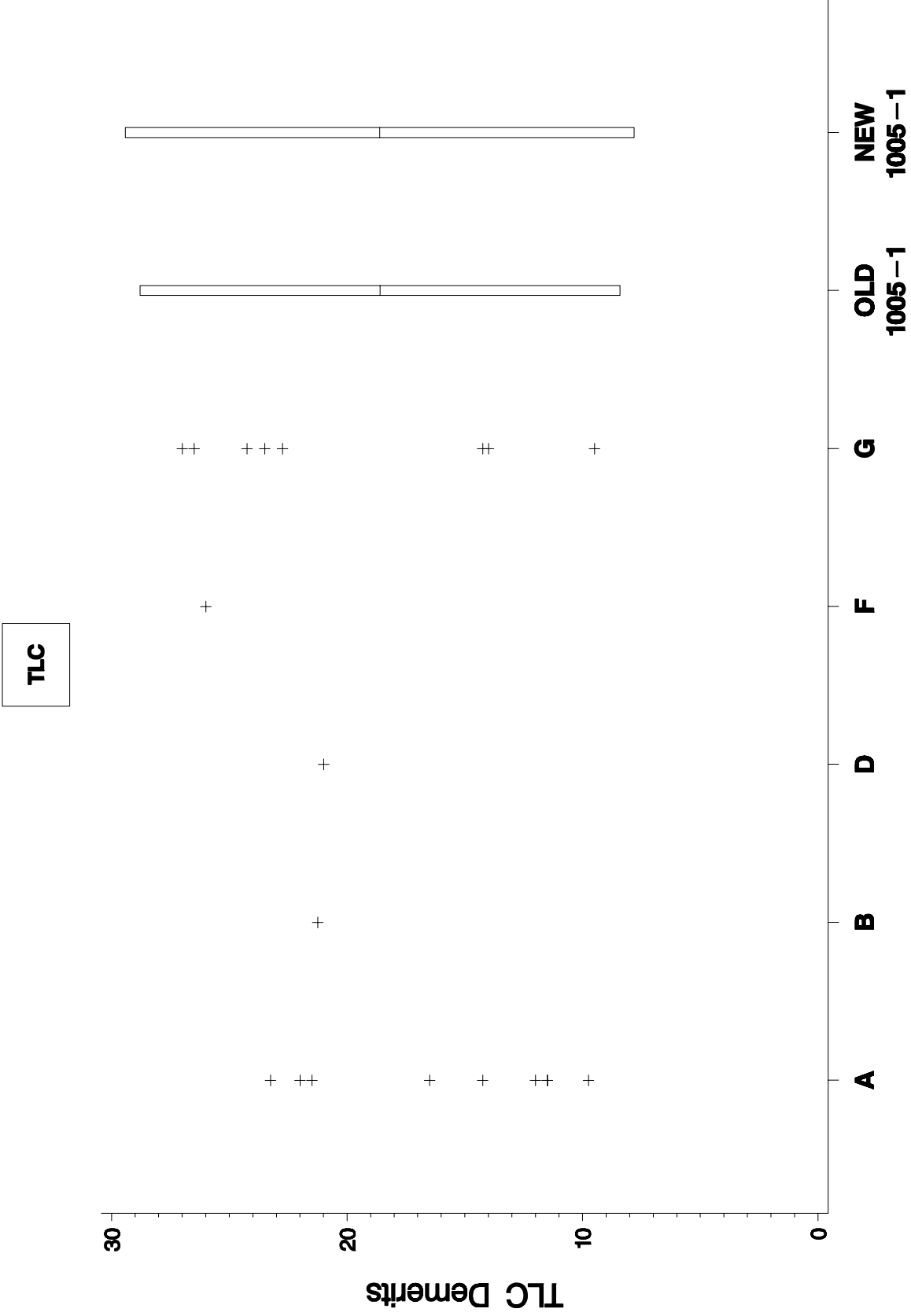
Cat 1R Reference Oil 1005-1

Test Target Data Set and Shewart Severity Limits



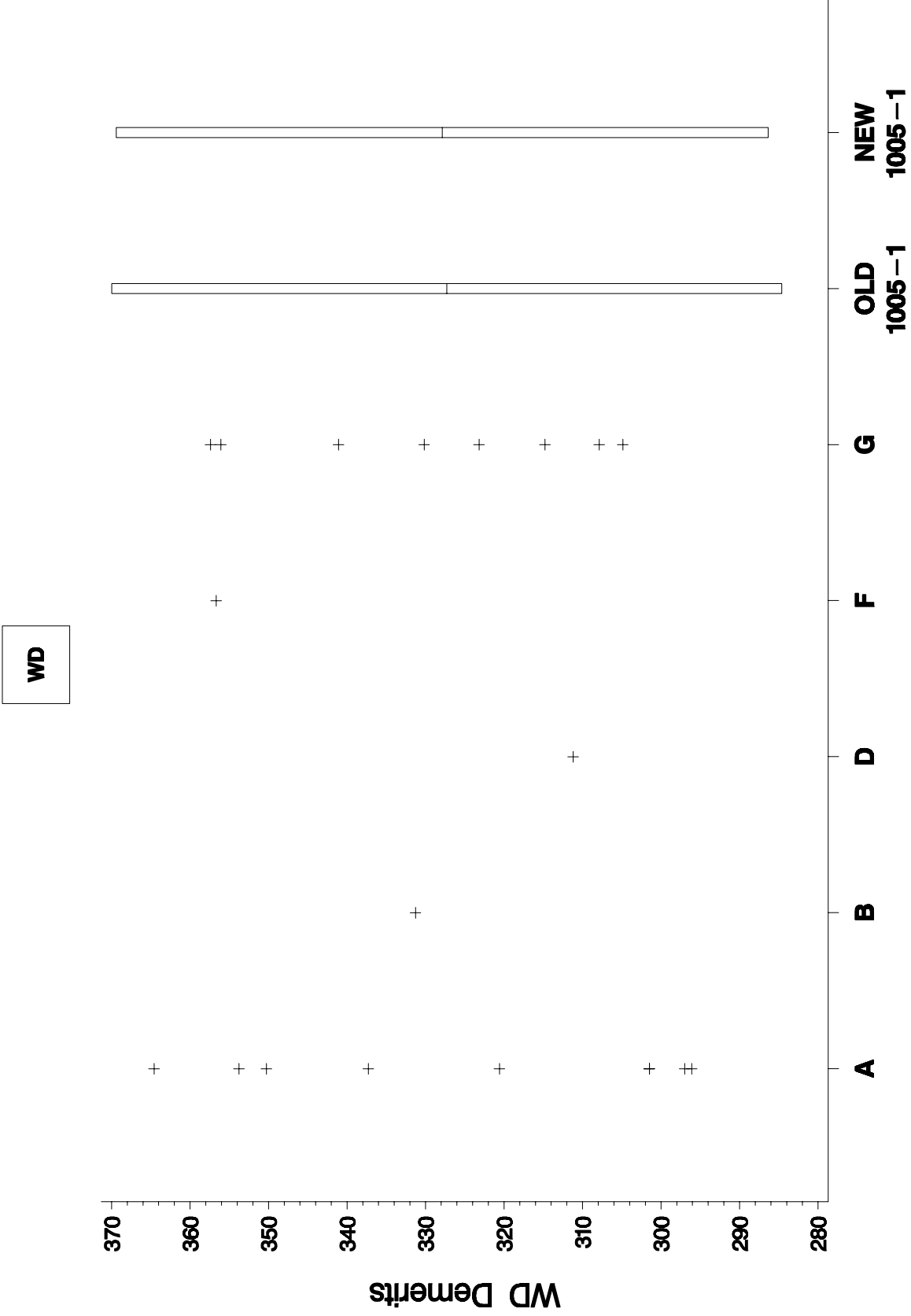
Cat 1R Reference Oil 1005-1

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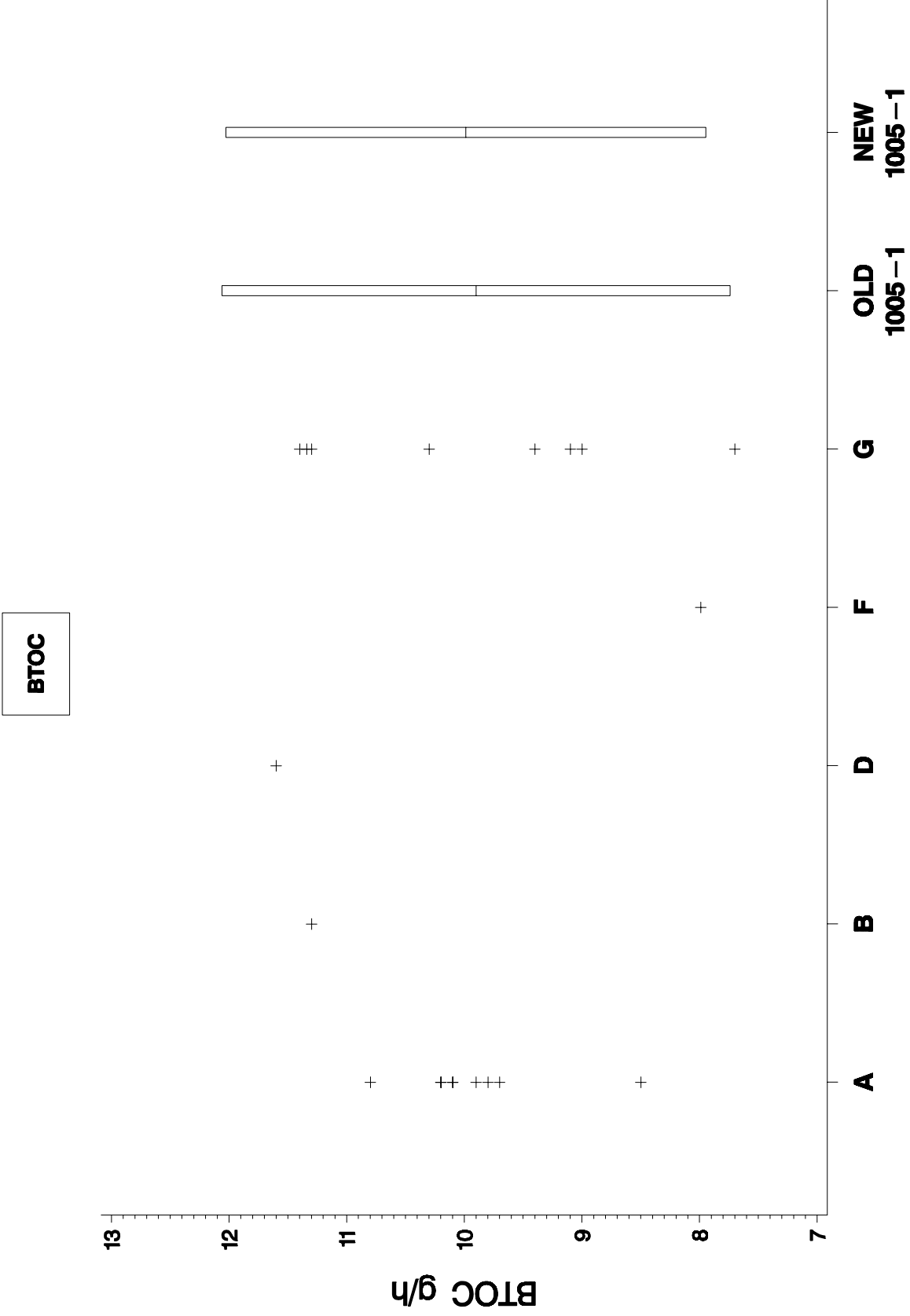
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Cat 1R Reference Oil 1005-1

Test Target Data Set and Shewart Severity Limits

ETOC

