



Test Monitoring Center

6555 Penn Avenue
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MEMORANDUM: 04-061
DATE: August 30, 2004
TO: L-33-1 Surveillance Panel
FROM: Donald Lind
SUBJECT: Updated Reference Oil Targets

At the August 25, 2004 L-33-1 Surveillance Panel meeting, the panel approved the updated targets for reference oils 123 and 151-3. The approved reference oil test targets are shown in the tables below.

Reference Oil 123			
Parameter	N	Mean	Standard Deviation
RUST	30	8.56	0.23

Reference Oil 151-3			
Parameter	N	Mean	Standard Deviation
RUST	30	9.64	0.25

These targets are effective for all tests completed on or after August 25, 2004.

DML/dml

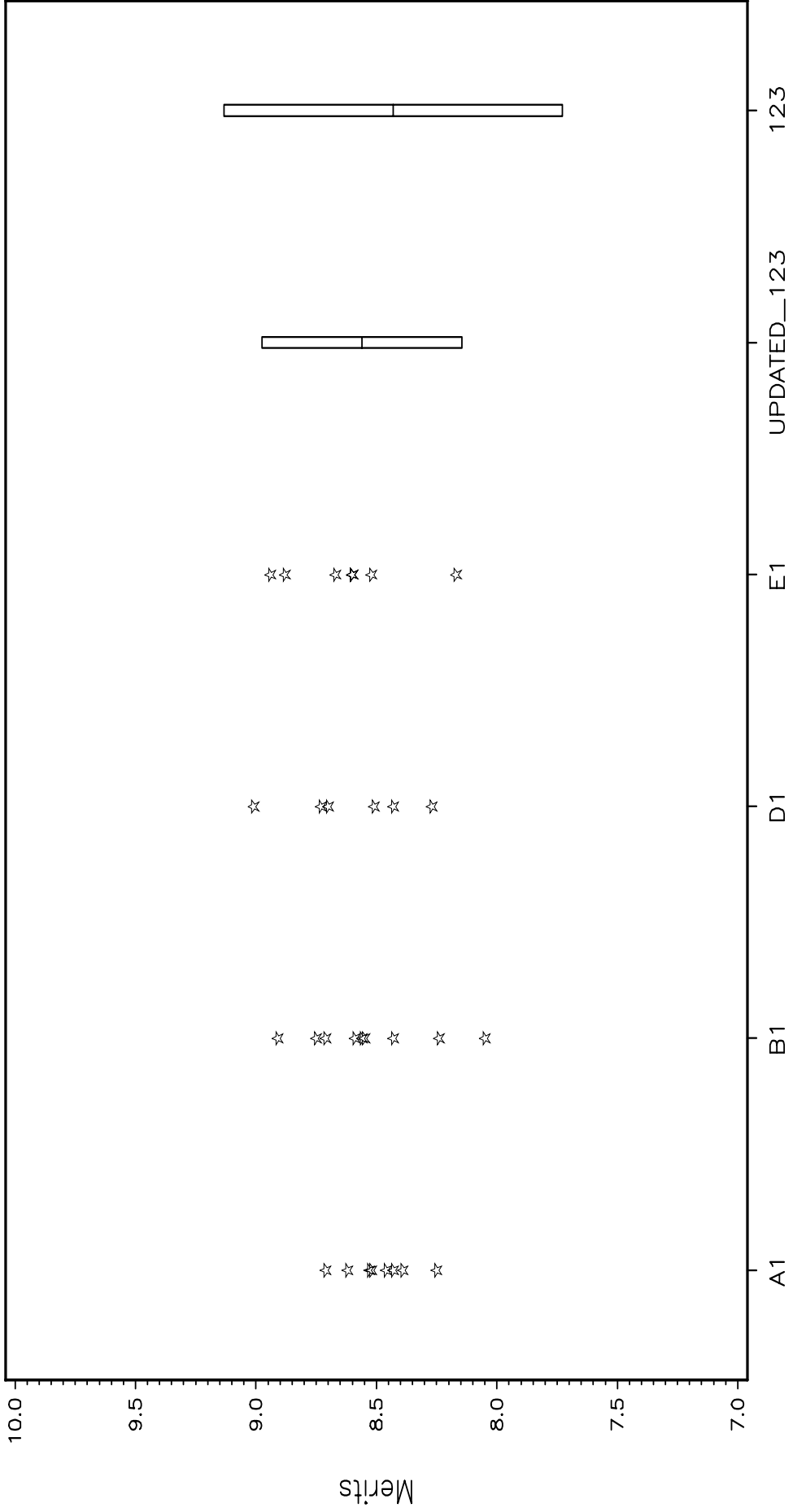
c: Frank Farber, TMC
John L. Zalar, TMC

<ftp://ftp.astmtmc.cmu.edu/docs/gears/l331/memos/mem04-061.pdf>

Distribution: Electronic Mail

L33-1 Reference Oil 123
 Updated Target Data Set and Shewhart Severity Limits

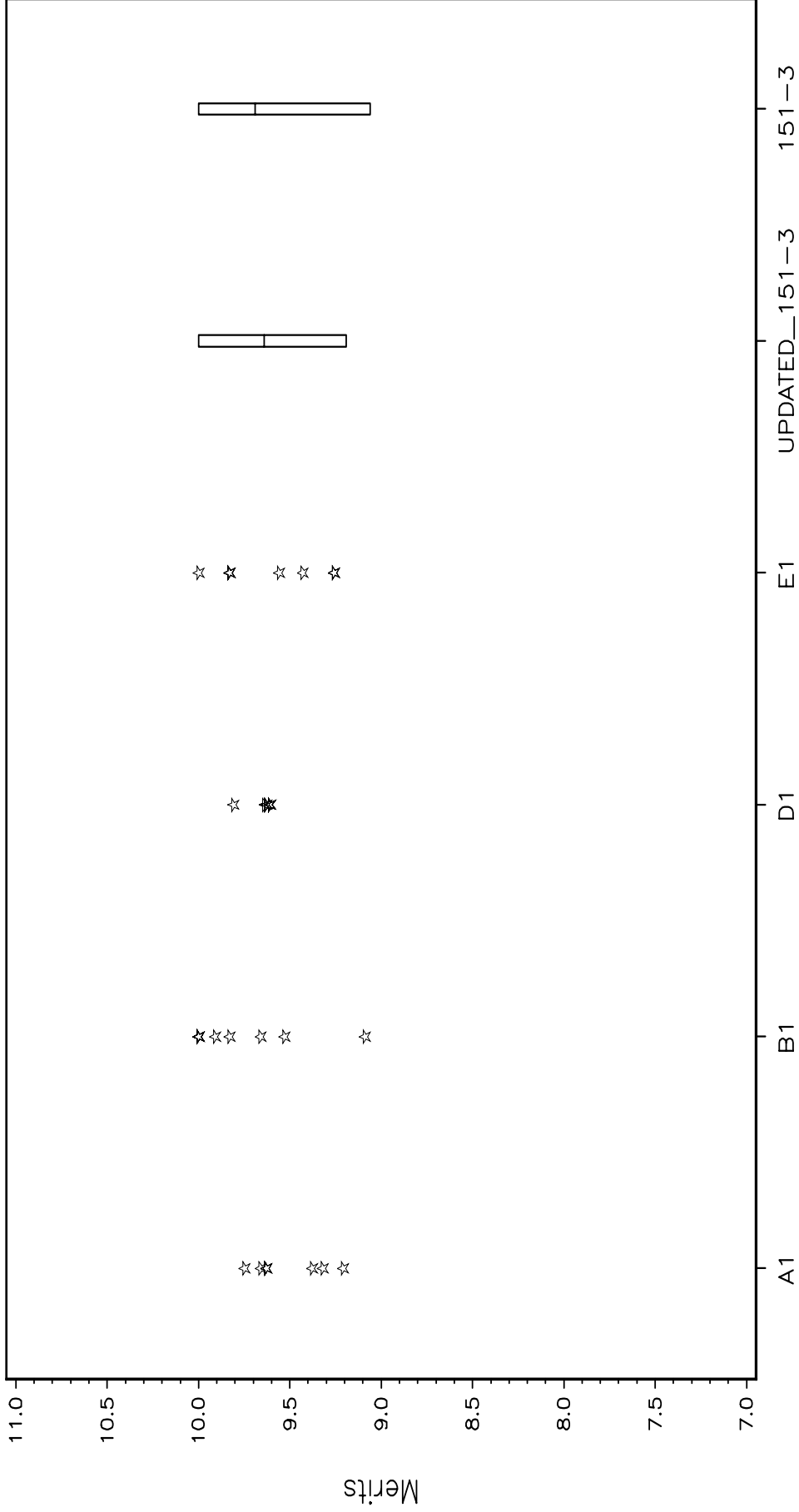
RUST



L33-1 Reference Oil 151-3

Updated Target Data Set and Shewhart Severity Limits

RUST



TESTKEY	LTMSLAB	SBOXNUM	SBOXRUN	VAL	DTCOMP	IND	RUST
36222	D1	1	233	AC	20020625	123	9.01
45148	D1	8	221	AC	20020626	123	8.73
45154	D1	1	240	AC	20021015	123	8.27
45156	D1	3	302	AC	20021016	123	8.70
45160	D1	2	407	AC	20030205	123	8.51
45161	D1	1	255	AC	20030527	123	8.43
43808	B1	173	150	AC	20020620	123	8.55
43809	B1	177	141	AC	20020621	123	8.24
43810	B1	172	168	AC	20020625	123	8.43
45138	B1	172	176	AC	20021007	123	8.59
45139	B1	173	160	AC	20021008	123	8.91
45141	B1	176	186	AC	20021220	123	8.71
45143	B1	172	187	AC	20030326	123	8.75
45145	B1	173	168	AC	20030327	123	8.05
46012	B1	176	192	AC	20030703	123	8.56
36253	E1	1	160	AC	20020626	123	8.52
45167	E1	6	0113	AC	20021015	123	8.17
45168	E1	2	0169	AC	20030130	123	8.67
45169	E1	3	0146	AC	20030210	123	8.60
45171	E1	4	0172	AC	20030505	123	8.94
45173	E1	5	0155	AC	20030522	123	8.88
45175	E1	2	0172	AC	20030903	123	8.60
25532	A1	05	0275	AC	20020626	123	8.71
25533	A1	05	0285	AC	20021004	123	8.25
25534	A1	15	0069	AC	20021007	123	8.46
34230	A1	14	0133	AC	20030116	123	8.62
35376	A1	15	0079	AC	20030205	123	8.52
35378	A1	05	0297	AC	20030514	123	8.53
36236	A1	14	0139	AC	20030904	123	8.43
36238	A1	15	0081	AC	20030916	123	8.39
43545	D1	2	396	AC	20020625	151-3	9.64
43549	D1	3	296	AC	20020626	151-3	9.61
45155	D1	2	402	AC	20021015	151-3	9.63
45157	D1	8	227	AC	20021016	151-3	9.63
45158	D1	1	247	AC	20030204	151-3	9.61
45159	D1	3	307	AC	20030326	151-3	9.61
45748	D1	1	257	AC	20030917	151-3	9.81
43522	B1	176	174	AC	20020624	151-3	10.00
45135	B1	177	149	AC	20021003	151-3	9.53
45142	B1	176	183	AC	20021009	151-3	9.91
45146	B1	172	180	AC	20021217	151-3	10.00
45147	B1	173	163	AC	20021219	151-3	10.00
46013	B1	176	191	AC	20030328	151-3	9.09
46014	B1	172	190	AC	20030701	151-3	9.83
46016	B1	173	170	AC	20030702	151-3	9.66
43536	E1	2	0163	AC	20020627	151-3	9.56
43542	E1	3	0140	AC	20020628	151-3	9.83
45166	E1	4	0168	AC	20021011	151-3	9.83
45170	E1	5	0151	AC	20021014	151-3	10.00
45174	E1	1	0168	AC	20030122	151-3	9.83
45176	E1	6	0117	AC	20030513	151-3	9.26
45177	E1	1	0172	AC	20030827	151-3	9.26
46809	E1	3	0149	AC	20030910	151-3	9.43
37938	A1	14	0116	AC	20020625	151-3	9.38
44178	A1	14	0126	AC	20021002	151-3	9.63
44184	A1	15	0070	AC	20021017	151-3	9.63
45180	A1	05	0294	AC	20030123	151-3	9.21
45181	A1	14	0137	AC	20030513	151-3	9.75
45182	A1	15	0080	AC	20030605	151-3	9.66
45183	A1	05	0298	AC	20030829	151-3	9.32

