



Test Monitoring Center

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MEMORANDUM: 02-127

DATE: December 16, 2002

TO: Sequence VIII Surveillance Panel

FROM: Michael T. Kasimirsky *Michael T. Kasimirsky*

SUBJECT: Reference Oil 1009 Test Target Review

At the May 14, 2002 meeting of the Sequence VIII Surveillance Panel the panel approved a plan to obtain five donated tests on reference oil 1009 for use in generating test targets. These preliminary targets, based on these five data points, are shown in the following table:

Parameter	Mean	Standard Deviation
BWL	12.8	2.00
SVIS	9.51	0.10

Any applicable severity adjustments were applied to the data prior to target generation. The data used to generate these targets is shown in Tables 1 & 2. Table 2 contains severity-adjusted data with the adjusted parameters, if any, shown in *red italics*. The above test targets, as well as the severity-adjusted data used to generate them and the raw test targets, are shown in the following figures. Figure 1 shows the BWL data, raw targets, and severity-adjusted targets. Figure 2 shows the SVIS data and raw test targets (SVIS is not a severity-adjusted parameter).

These targets are preliminary only at this time. If the panel wishes to implement them into the LTMS, formal action by the panel is required.

MTK/mtk

Attachments

c: John L. Zalar, TMC

<ftp://www.astmtmc.cmu.edu/docs/gas/sequenceviii/memos/mem02-127.pdf>

Distribution: Electronic Mail

Table 1 – Unadjusted Data

OILCODE	LTM SLAB	LTM SAPP	IND	VAL	LTM SDATE	LTM STIME	BWL	SVIS
44880	D	1	1009	AG	7/12/2002	9:20	10.9	9.37
44891	B	4	1009	AG	12/8/2002	21:55	11.4	9.64
44892	B	3	1009	AG	12/11/2002	19:45	12	9.56
44922	A	3	1009	AG	7/1/2002	15:44	13.7	9.45
44923	A	4	1009	AG	8/16/2002	14:47	15.8	9.51

Table 2 – Severity Adjusted Data

OILCODE	LTM SLAB	LTM SAPP	IND	VAL	LTM SDATE	LTM STIME	BWL	SVIS
44880	D	1	1009	AG	7/12/2002	9:20	10.9	9.37
44891	B	4	1009	AG	12/8/2002	21:55	11.4	9.64
44892	B	3	1009	AG	12/11/2002	19:45	12	9.56
44922	A	3	1009	AG	7/1/2002	15:44	13.7	9.45
44923	A	4	1009	AG	8/16/2002	14:47	15.8	9.51

Figure 1

Sequence VIII Reference Oil 1009 Test Target Data Set and Proposed Shewhart Bands

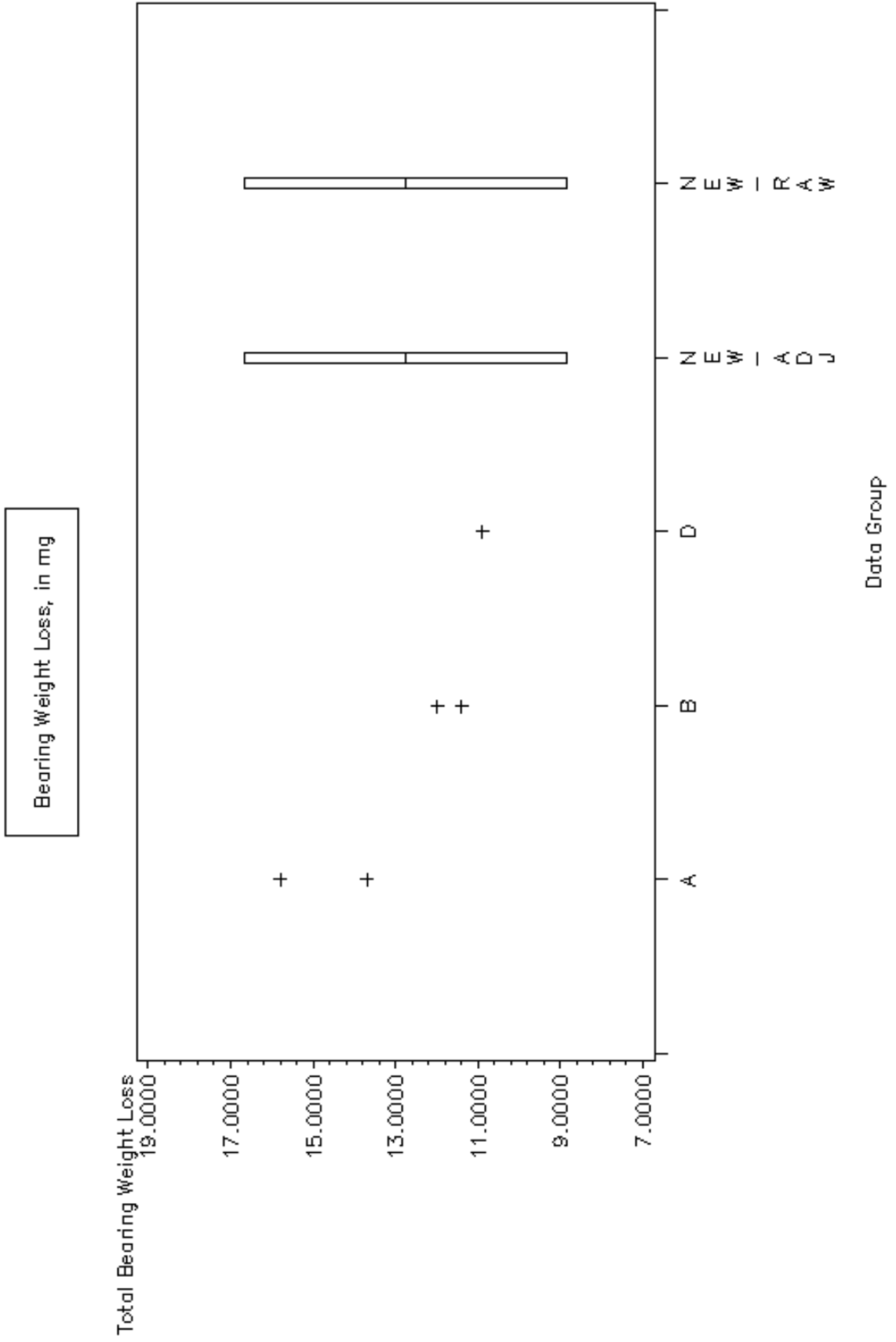


Figure 2

Sequence VIII Reference Oil 1009 Test Target Data Set and Proposed Shewhart Bands

