



# Test Monitoring Center

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MEMORANDUM: 02-104

DATE: October 25, 2002

TO: Sequence VIII Surveillance Panel

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

SUBJECT: Reference Oil 1006-2 Initial Test Target Review

On October 14, 2002, a motion was made to the Sequence VIII Surveillance Panel to implement the use of the proposed test targets for reference oil 1006-2 which were distributed in TMC Memorandum 02-090. These targets were to be applied to all new data on reference oil 1006-2 and to be applied retroactively to the existing data in the TMC database. Any changes to laboratory severity adjustments would take effect on the effective date of this motion. On October 25, 2002, the Chairman ruled the e-ballot closed with all 15 voting members having responded. The motion passed 13-0 with 2 members responding but choosing not to vote.

As a result, the following test targets are effective for all tests on reference oil 1006-2 completed on or after October 25, 2002. In addition, these targets will be applied to the existing test data on this oil and the LTMS control charts recalculated as of this date. Any changes to laboratory severity adjustments are effective for all tests completed on or after October 25, 2002. The test results of any tests, reference oil or non-reference oil, completed before October 25, 2002, are not affected by this target revision.

Parameter	Mean	Standard Deviation
BWL	13.0	4.26
SVIS	9.23	0.07

The raw reference oil 1006-2 data is shown in Table 1. The severity-adjusted data used to generate these targets is shown in Tables 2. The individual BWL and SVIS data points, along with the proposed test targets and the final targets for reference oil 1006, are plotted in Figures 1 & 2.

MTK/mtk

Attachments

c: John L. Zalar, TMC

<ftp://www.astmtmc.cmu.edu/docs/gas/sequenceviii/memos/mem02-104.pdf>

Distribution: Electronic Mail

Table 1 – Unadjusted Data

<b>Oilcode</b>	<b>Lab</b>	<b>Stand</b>	<b>Ind</b>	<b>Validity</b>	<b>LTMS Date</b>	<b>LTMS Time</b>	<b>BWL</b>	<b>SVIS</b>
42447	A	4	1006-2	AC	6/14/02	18:10	10.8	9.15
42448	A	3	1006-2	AC	9/26/02	10:01	15.2	9.33
42528	B	4	1006-2	AC	5/2/02	14:15	9.4	9.16
42529	B	3	1006-2	AC	5/5/02	19:10	7.7	9.2
43559	B	4	1006-2	AC	7/5/02	10:10	14.3	9.27
43560	B	3	1006-2	AC	8/1/02	15:50	13	9.27
42530	D	1	1006-2	AC	6/6/02	10:20	11.3	9.22

Table 2 – Severity Adjusted Data

<b>Oilcode</b>	<b>Lab</b>	<b>Stand</b>	<b>Ind</b>	<b>Validity</b>	<b>LTMS Date</b>	<b>LTMS Time</b>	<b>BWL</b>	<b>SVIS</b>
42447	A	4	1006-2	AC	6/14/02	18:10	10.8	9.15
42448	A	3	1006-2	AC	9/26/02	10:01	15.2	9.33
42528	B	4	1006-2	AC	5/2/02	14:15	9.4	9.16
42529	B	3	1006-2	AC	5/5/02	19:10	7.7	9.2
43559	B	4	1006-2	AC	7/5/02	10:10	19.2	9.27
43560	B	3	1006-2	AC	8/1/02	15:50	17.1	9.27
42530	D	1	1006-2	AC	6/6/02	10:20	11.3	9.22

Figure 1

# Sequence VIII Reference Oil 1006-2 Test Target Data Set and Proposed Shewhart Bands

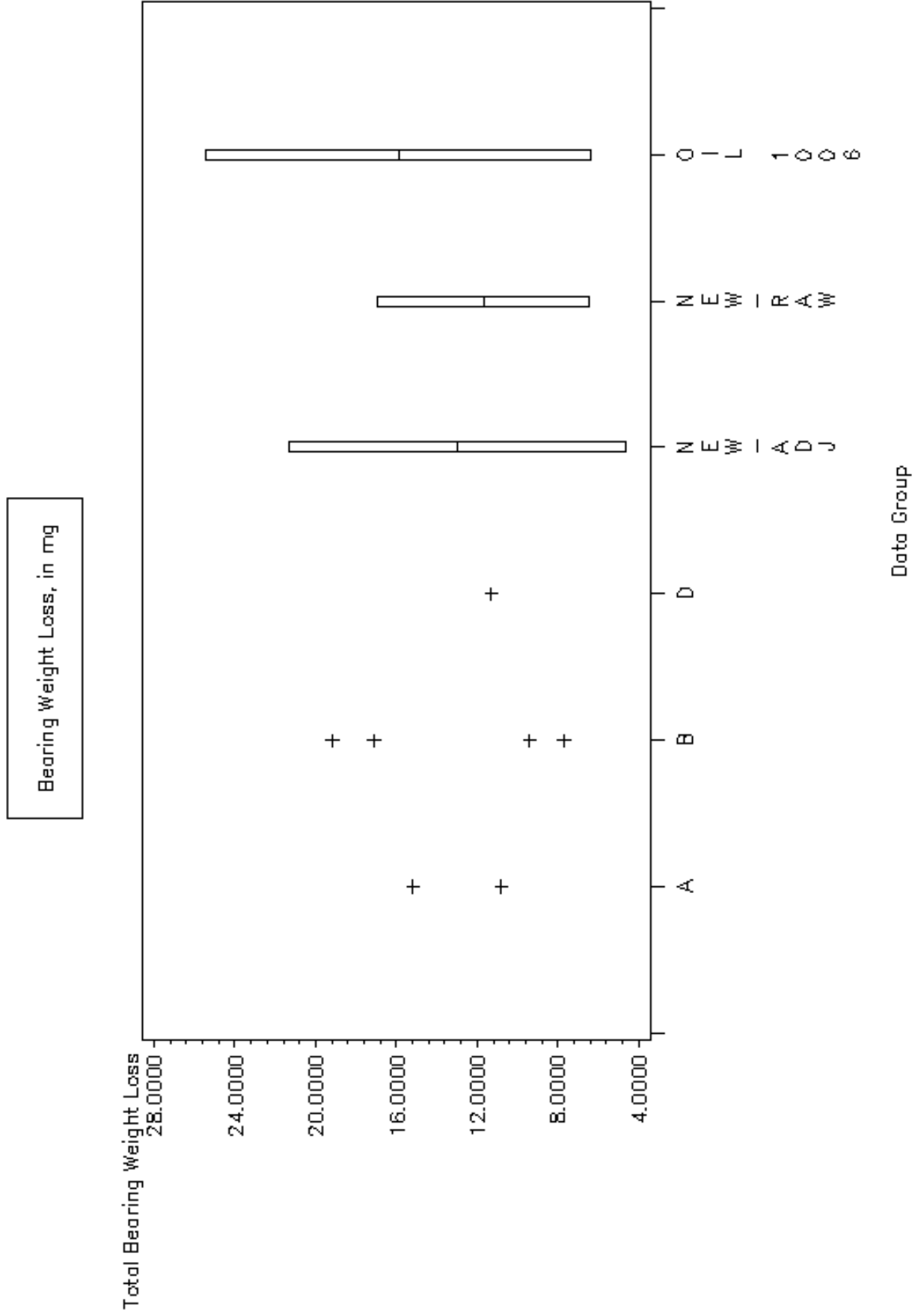


Figure 2

# Sequence VIII Reference Oil 1006-2 Test Target Data Set and Proposed Shewhart Bands

