




# Test Monitoring Center

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MEMORANDUM: 07-004  
DATE: March 12, 2007  
TO: Sequence VIII Surveillance Panel  
FROM: Richard E. Grundza   
SUBJECT: Reference Oil 1006-2 Test Targets

During the October 11, 2006 Sequence VIII Surveillance Panel conference call, the panel approved a motion to update the test acceptance targets for reference oil 1006-2 when ten operationally valid reference oil tests have been obtained on the 03-06 bearing batch. The updated test targets, based on eleven tests, are shown below:

Parameter	Mean	Standard Deviation
BWL	17.5	4.23
SVIS	9.37	0.07

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, previous targets, and new severity-adjusted targets. Figure 2 shows the SVIS data and new and previous test targets (SVIS is not a severity-adjusted parameter).

These targets are in effect for all tests completed on or after March 12, 2007.

REG/reg

Attachments

c: John L. Zalar, TMC

<ftp://ftp.astmtmc.cmu.edu/docs/gas/sequenceviii/memos/mem07-004.pdf>

Distribution: Electronic Mail

*Table 1 – Unadjusted Data*

<b>OILCODE</b>	<b>LTMSLAB</b>	<b>BWL</b>	<b>SVIS</b>
61041	G	23.4	9.48
60844	G	11.9	9.37
61424	A	20.4	9.26
61425	A	20.4	9.41
61155	A	16	9.32
60999	G	16	9.41
60998	G	14.7	9.32
60889	A	16.9	9.49
61040	G	18.8	9.32
61877	G	19.2	9.36
65358	A	24.2	9.36

*Table 2 – Severity Adjusted Data*

<b>OILCODE</b>	<b>LTMSLAB</b>	<b>BWL</b>	<b>SVIS</b>
61041	G	20.4	9.48
60844	G	8	9.37
61424	A	20.4	9.26
61425	A	20.4	9.41
61155	A	16	9.32
60999	G	16	9.41
60998	G	14.7	9.32
60889	A	16.9	9.49
61040	G	15.8	9.32
61877	G	19.2	9.36
65358	A	24.2	9.36

Figure 1

Sequence VIII (Reference Oil 1006-2)  
Test Target Data Set and Shewart Severity Limits

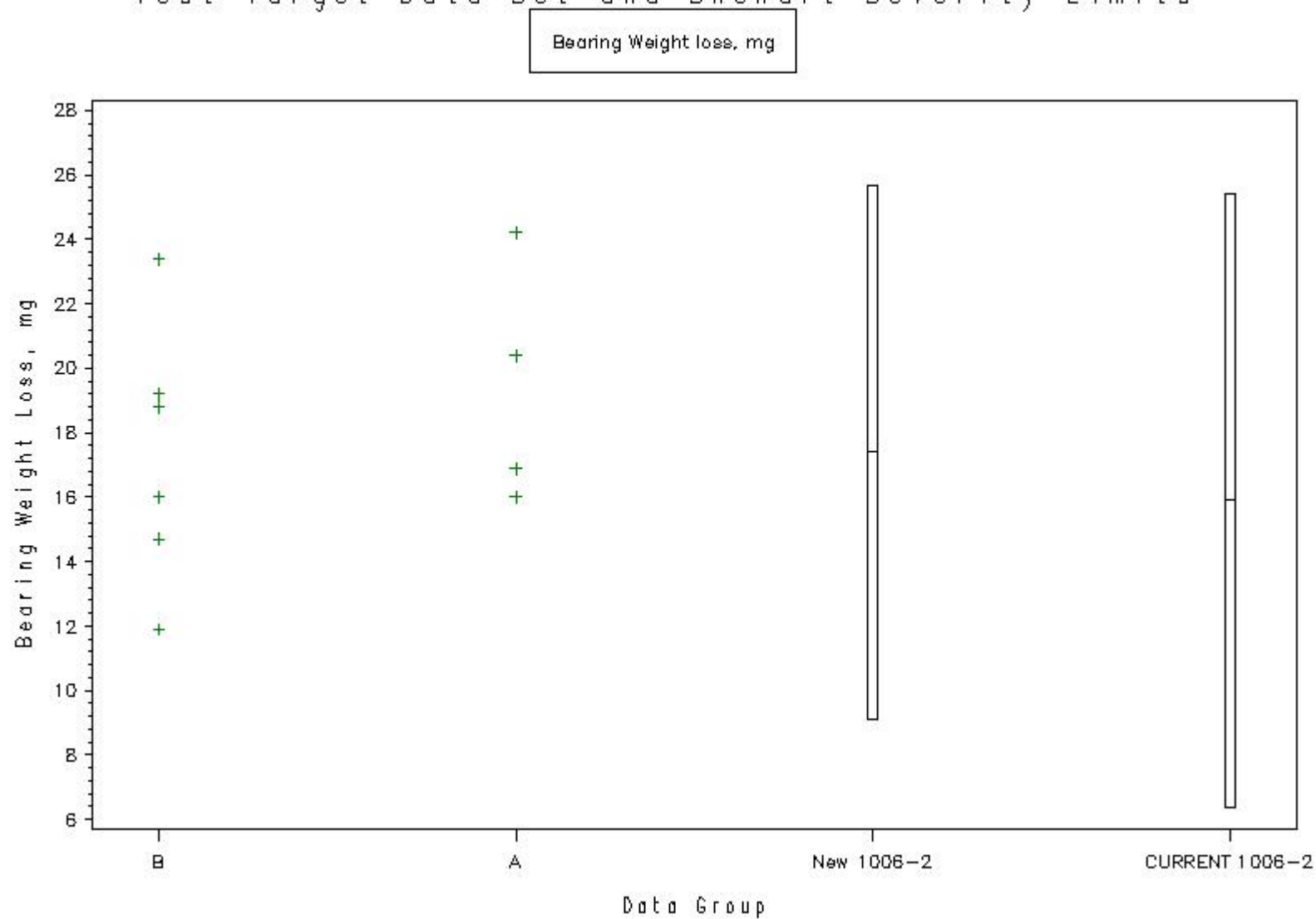


Figure 2

Sequence VIII (Reference Oil 1006-2)  
Test Target Data Set and Shewart Severity Limits

