



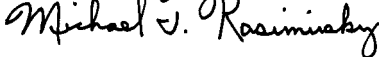
Test Monitoring Center

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MEMORANDUM: 02-130

DATE: December 18, 2002

TO: Sequence IVA Surveillance Panel

FROM: Michael T. Kasimirsky 

SUBJECT: Reference Oil 1009 Introduction

At the November 19, 2002 meeting of the Sequence IVA Surveillance Panel, the panel approved a motion to introduce reference oil 1009 into the LTMS, at a 10% usage rate, using targets generated from the five donated tests approved at the May 14, 2002 meeting. The motion also required that these targets be updated when a total of 10, 20 and 30 data points became available. The initial test targets for this oil are shown below:

Parameter	Mean	Standard Deviation
ACW	21.03	6.23

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, the raw test targets, and the initial test targets are shown in Figure 1. These targets are effective for all tests completed on or after December 18, 2002.

MTK/mtk

Attachments

c: John L. Zalar, TMC

<ftp://www.astmtmc.cmu.edu/docs/gas/sequenceiva/memos/mem02-130.pdf>

Distribution: Electronic Mail

Table 1 – Unadjusted Data

OILCODE	LTMSLAB	LTMSAPP	IND	VAL	LTMSDATE	LTMSTIME	ACW
44877	C	1	1009	AG	12/16/2002	7:57	13.88
44888	B	1A	1009	AG	11/9/2002	11:05	24.33
44900	E1	1	1009	AG	10/26/2002	16:44	14.33
44911	F	1	1009	AG	10/13/2002	2:05	16.14
44919	A	1	1009	AG	10/15/2002	2:24	15.00

Table 2 – Severity Adjusted Data

OILCODE	LTMSLAB	LTMSAPP	IND	VAL	LTMSDATE	LTMSTIME	ACW
44877	C	1	1009	AG	12/16/2002	7:57	13.88
44888	B	1A	1009	AG	11/9/2002	11:05	24.33
44900	E1	1	1009	AG	10/26/2002	16:44	23.914
44911	F	1	1009	AG	10/13/2002	2:05	28.013
44919	A	1	1009	AG	10/15/2002	2:24	15.00

Figure 1

Sequence IVA Reference Oil 1009 Test Target Data Set and Shewhart Bands

