



Test Monitoring Center

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MEMORANDUM: 09-026
DATE: May 6, 2009
TO: HTCBT Surveillance Panel
FROM: Michael T. Kasimirsky
SUBJECT: Reference Oil 44-1 Initial Test Targets

On May 5, 2009, the HTCBT Surveillance Panel approved a motion to introduce Reference Oil 44-1 into the calibration system using test targets based upon nine data points. The initial targets are shown in Table 1, below:

Table 1: Reference Oil 44-1 Initial Test Targets (N=9)			
Parameter	Mean	Standard Deviation	Acceptance Range
Copper Concentration	4.8820	0.1061	107.1 to 162.4
Lead Concentration	41.3	10.3	21.1 to 61.5

The individual test results used in generation of these test targets are shown in Table 2. The individual test results, initial test target acceptance range, and the test target acceptance range for Reference Oil 44 for *Copper Concentration* and *Lead Concentration* are plotted in Figures 1 and 2, respectively.

These test targets will be updated and frozen when 30 data points are available on this reference oil.

These targets are effective on May 5, 2009.

c: <ftp://ftp.astmtmc.cmu.edu/docs/bench/htcbt/memos/mem09-026.pdf>

Distribution: electronic mail

Table 2: Individual Test Results							
TESTKEY	LA B	BATH	COUPON BATCH	LTMSDATE	LTMSTIME	CUC	PBC
70297	B	1	G	20090409	14:15	123.0	39.0
70282	G	2	G	20090409	21:20	150.3	53.6
70283	G	2	G	20090409	21:20	152.0	39.4
70284	G	2	G	20090409	21:20	150.8	58.9
70298	B	2	G	20090413	11:10	117.0	41.0
70299	B	6	G	20090414	11:05	121.0	34.0
70277	A	3	G	20090421	15:16	131.0	26.0
70312	I	1	G	20090422	12:00	126	47
70278	A	7	G	20090422	15:18	122.0	34.0

Figure 1: Change in Copper Concentration

Test Target Data Set and Acceptance Bands

HTCBT Reference Oil 44-1

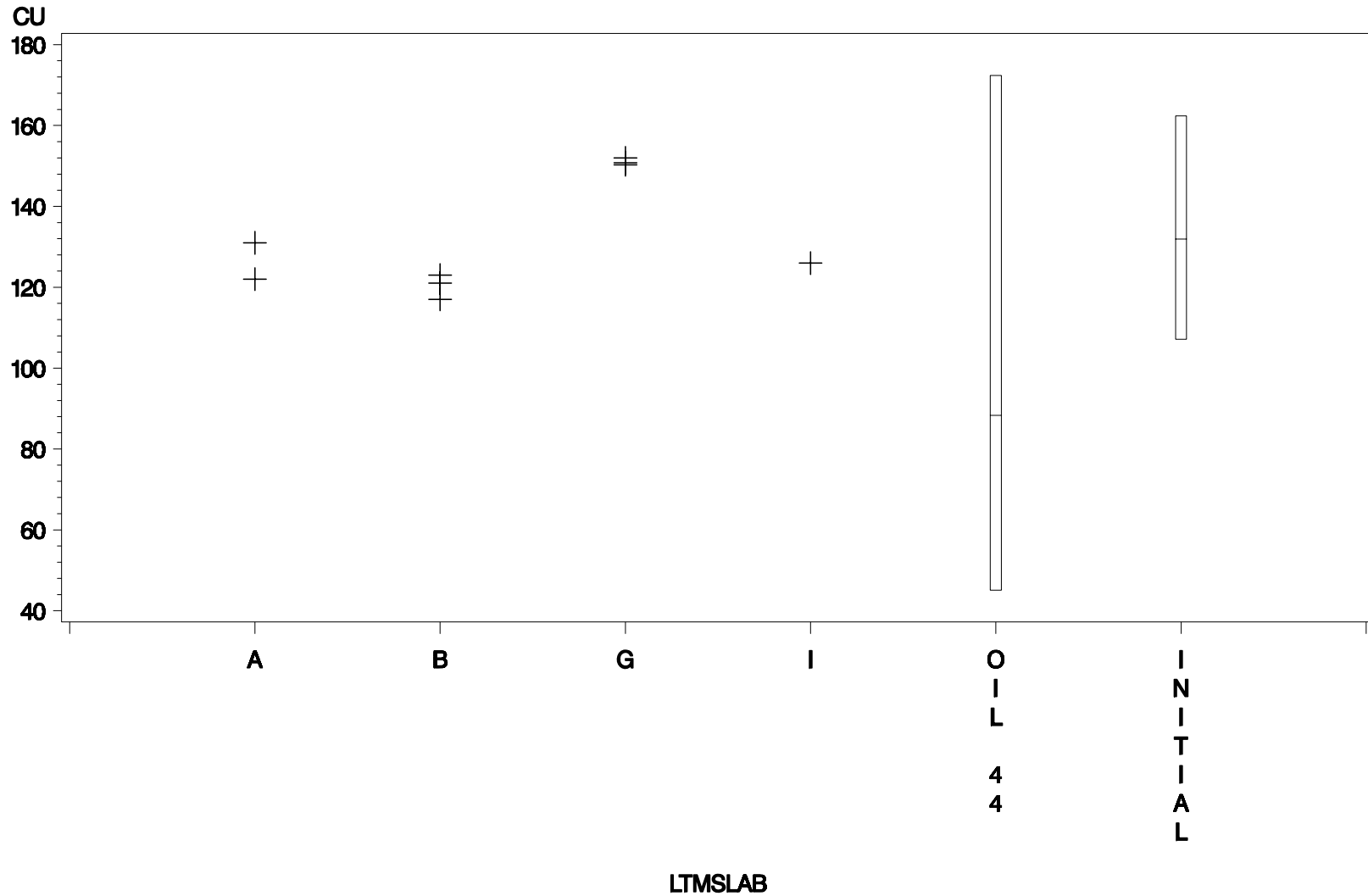


Figure 2: Change in Lead Concentration Test Target Data Set and Acceptance Bands

HTCBT Reference Oil 44-1

