



Test Monitoring Center

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MEMORANDUM: 15-006
DATE: February 27, 2015
TO: EOFT Surveillance Panel
FROM: Michael T. Kasimirsky
SUBJECT: Reference Oil 79 Target Update

At the January 12, 2015 EOFT Surveillance Panel Teleconference, the panel approved a motion to introduce reference oil 79 into the calibration system, based upon the data presented at that meeting. As part of this motion, the Surveillance Panel also agreed to update the test targets once 20 data points are available.

The updated test targets are shown in the following table:

Reference Oil 79 Test Targets (N=21)				
Mean	Std Dev	K	Target Range	
36.11	5.17	1.96	25.98	46.24

Note that the upper and lower limits shown in the “Target Range” block are the official test targets for the EOFT test; the target mean and standard deviation are shown for information purposes only. These new targets are effective on March 16, 2015.

In addition, the motion stipulated that the targets will be updated and frozen, based upon all data received by July 15, 2015, and these final targets will be effective on July 31, 2015.

Plots of the initial test targets, the updated test targets, the final test targets used for reference oil 78-2, and the individual data points used to calculate the targets are shown on the following pages.

MTK/mtk

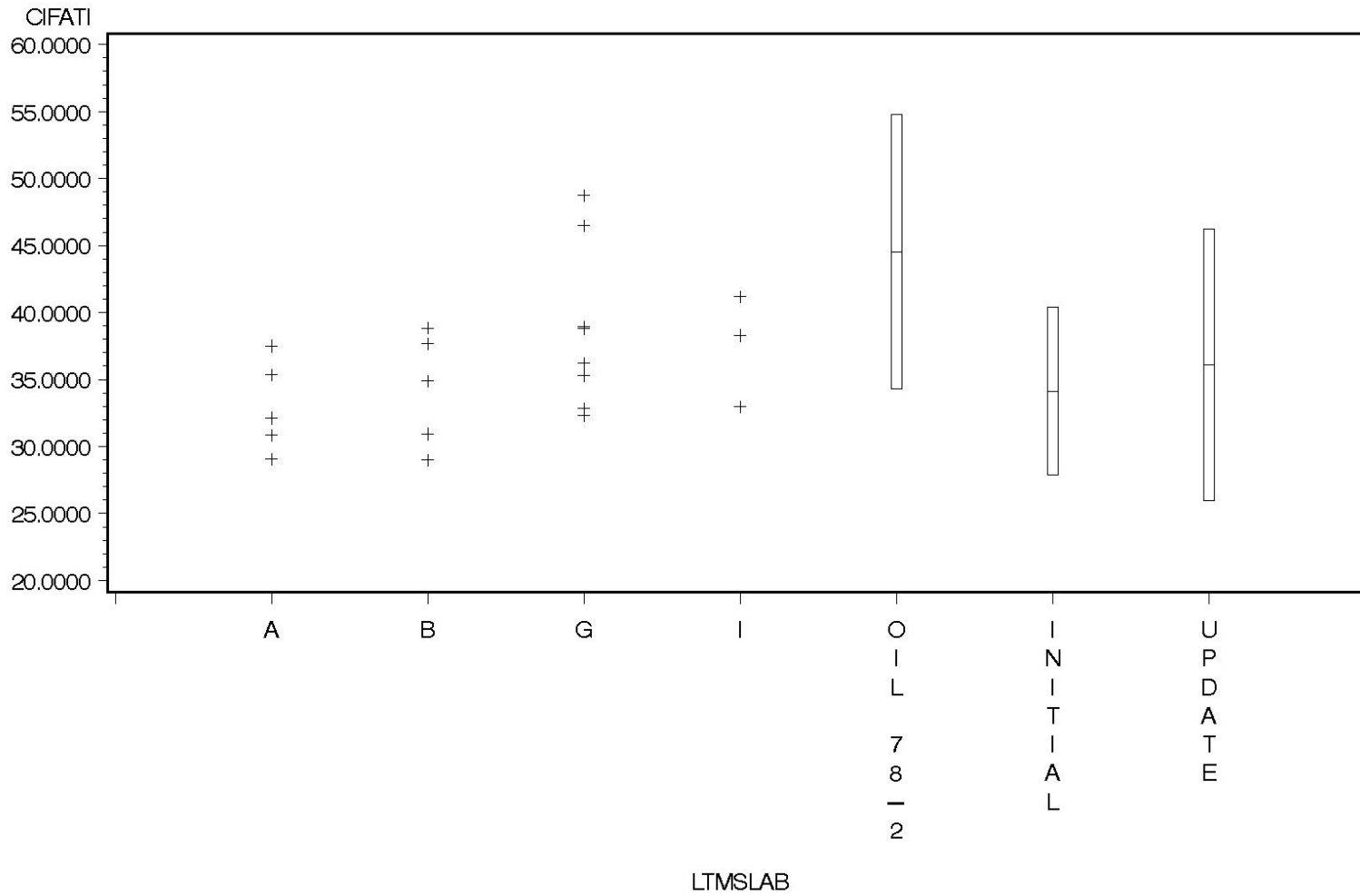
c: <ftp://ftp.astmtmc.cmu.edu/docs/bench/eoft/memos/mem15-006.mtk.pdf>

Distribution: email

EOFT Reference Oil 79

Test Target Data Set and Acceptance Bands

Change In Flowrate Average



TESTKEY	EOT DATE	EOT TIME	LAB	IND	CIFRUN1	CIFRUN2	CIFA
105253-EOFT	20141221	08:02	A	79	35.71	28.57	32.14
105254-EOFT	20141221	08:12	A	79	36.59	34.09	35.34
105255-EOFT	20141221	08:23	A	79	28.57	29.55	29.06
105256-EOFT	20150130	10:19	A	79	25.49	36.17	30.83
105257-EOFT	20150220	09:53	A	79	36.36	38.64	37.5
105231-EOFT	20141224	11:13	B	79	36.36	39.02	37.69
105233-EOFT	20141224	11:13	B	79	38.1	39.58	38.84
105232-EOFT	20141224	11:25	B	79	31.51	38.3	34.9
105234-EOFT	20150213	17:13	B	79	33.33	28.57	30.95
105235-EOFT	20150227	10:15	B	79	22.45	35.56	29.01
105284-EOFT	20150108	16:00	G	79	31.72	32.85	32.29
105285-EOFT	20150109	16:00	G	79	34.87	30.83	32.85
105286-EOFT	20150127	16:00	G	79	38.31	39.58	38.95
105287-EOFT	20150206	15:45	G	79	42.29	50.68	46.49
105288-EOFT	20150211	15:45	G	79	53.19	44.32	48.76
105289-EOFT	20150213	15:45	G	79	35.66	34.92	35.29
105290-EOFT	20150220	16:30	G	79	35.62	36.82	36.22
105291-EOFT	20150226	16:30	G	79	37.11	40.55	38.83
105168-EOFT	20150123	13:00	I	79	36.59	40	38.3
105169-EOFT	20150130	13:00	I	79	40.48	41.86	41.17
105170-EOFT	20150130	14:00	I	79	32.56	33.33	32.95