



Test Monitoring Center

@ Carnegie Mellon University
6555 Penn Avenue, Pittsburgh, PA 15206, USA

<http://astmtmc.cmu.edu>
412-365-1000

MEMORANDUM: 15-001
DATE: January 13, 2015
TO: EOFT Surveillance Panel
FROM: Michael T. Kasimirsky
SUBJECT: Reference Oil 79 Introduction

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.

The initial test targets, which take effect immediately, are shown in the following table:

Reference Oil 79 Test Targets (N=8)				
Mean	Std Dev	K	Target Range	
34.14	3.20	1.96	27.87	40.41

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.

As part of this motion, the Surveillance Panel also agreed to update the test targets once 20 data points are available. 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 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

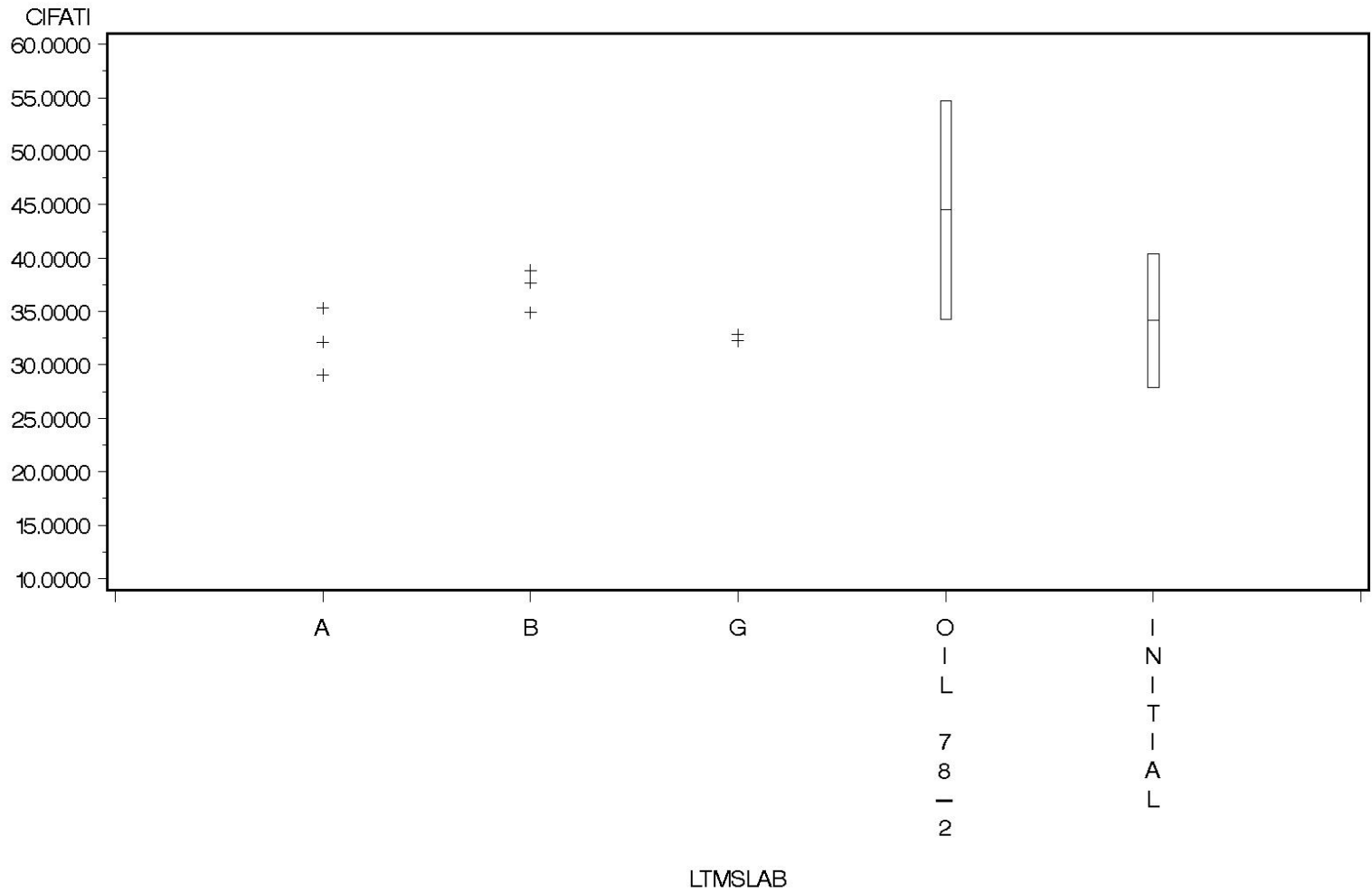
c: <ftp://ftp.astmtmc.cmu.edu/docs/bench/eoft/memos/mem15-001.mtk.pdf>

Distribution: email

EOFT Reference Oil 79

Test Target Data Set and Acceptance Bands

Change In Flowrate Average



TESTKEY	EOTDATE	EOTTIME	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
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
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