



Test Monitoring Center

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MEMORANDUM: 11-052
DATE: December 7, 2011
TO: EOFT Surveillance Panel
FROM: Michael T. Kasimirsky
SUBJECT: Reference Oil 78-2 Test Target Update

At the December 5, 2011 EOFT Surveillance Panel meeting, the panel approved a motion to update and freeze the test targets for reference oil 78-2, based upon the data presented at that meeting.

The updated test targets, which take effect on December 12, 2011, are shown in the following table:

Reference Oil 78-2 Test Targets (N=68)				
Mean	Std Dev	K	Target Range	
44.52	5.22	1.96	34.28	54.76

Note that the upper and lower limits shown in the “Target Range” block are the official test targets for the EOWT test; the target mean and standard deviation are shown for information purposes only.

Plots of the initial test targets, the updated test targets, the final test targets used for reference oil 78-1, and the individual data points used to calculate the targets are shown on the following pages.

MTK/mtk

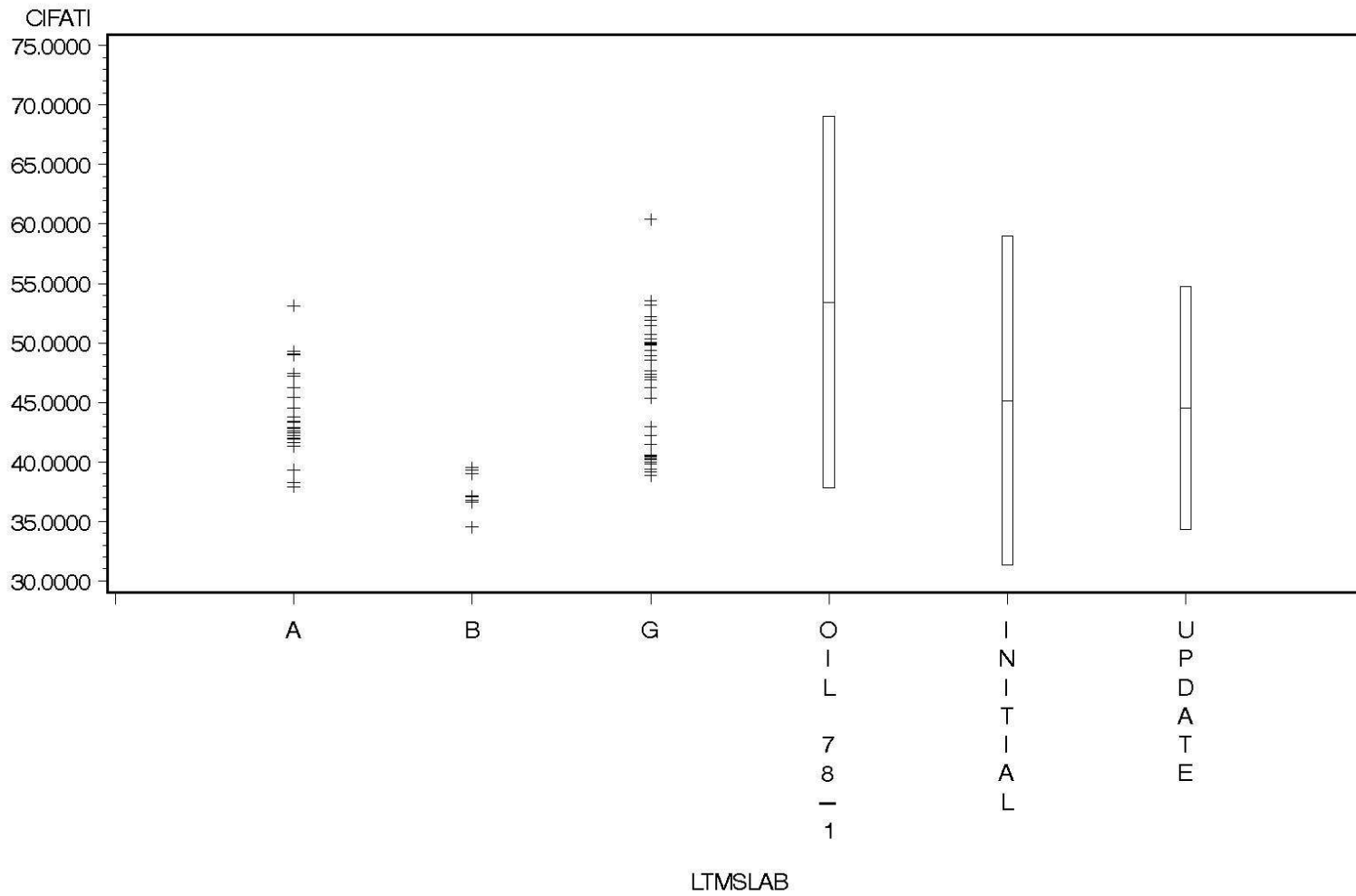
c: <ftp://ftp.astmtmc.cmu.edu/docs/bench/eoft/memo/mem11-052.mtk.pdf>

Distribution: email

EOFT Reference Oil 78-2

Test Target Data Set and Acceptance Bands

Change In Flowrate Average



TESTKEY	LTMSDATE	LTMSTIME	LTMSLAB	IND	TSTNO	TSTRUN	CIFRUN1	CIFRUN2	CIFA	
81975-EOFT	20110504	17:00	G	78-2	789	1A1141MA1	51.16	41.36	46.26	
81976-EOFT	20110512	17:00	G	78-2	797	1A1142MA1	60.73	60	60.37	
81977-EOFT	20110520	17:00	G	78-2	800	1A1143MA1	35.06	45.49	40.28	
81987-EOFT	20110608	7:20	A	78-2	644		12	44.23	42.55	43.39
81988-EOFT	20110608	7:20	A	78-2	644		13	44.23	54.35	49.29
81989-EOFT	20110608	7:20	A	78-2	644		14	42.86	42.86	42.86
82428-EOFT	20110608	16:24	B	78-2	256		1	38.1	36.07	37.08
82430-EOFT	20110608	16:24	B	78-2	256		1	40.68	37.88	39.28
82429-EOFT	20110608	16:26	B	78-2	256		1	39.34	39.66	39.5
81978-EOFT	20110615	17:00	G	78-2	808	1U0570MA1	38.46	41.93	40.2	
81990-EOFT	20110616	8:29	A	78-2	645		1	41.07	43.4	42.24
81991-EOFT	20110623	8:38	A	78-2	646		1	46.03	48.33	47.18
81979-EOFT	20110630	17:00	G	78-2	812	1U1084MA1	45.04	35.82	40.43	
81980-EOFT	20110701	17:00	G	78-2	813	1U1228MA1	48.25	46	47.13	
81993-EOFT	20110707	8:40	A	78-2	647		1	43.1	44.44	43.77
81981-EOFT	20110707	17:00	G	78-2	814	1L0057MA1	39.62	43.36	41.49	
81982-EOFT	20110708	17:00	G	78-2	815	1L0143MA1	48.91	49.83	49.37	
81994-EOFT	20110713	9:05	A	78-2	648		1	45.28	47.17	46.23
81983-EOFT	20110715	17:00	G	78-2	816	1L0228MA1	42.98	49.57	46.28	
81995-EOFT	20110720	8:41	A	78-2	649		1	43.4	43.33	43.37
81984-EOFT	20110721	17:00	G	78-2	817	1L0498MA1	44.99	48.9	46.95	
81985-EOFT	20110725	17:00	G	78-2	818	1L0739MA1	52.19	44.84	48.52	
81996-EOFT	20110727	5:49	A	78-2	650		1	50	48.21	49.11
82431-EOFT	20110727	16:05	B	78-2	262		1	37.04	36.21	36.62
81986-EOFT	20110801	17:00	G	78-2	819	1L1024MA1	48.11	55.65	51.88	
81997-EOFT	20110803	9:15	A	78-2	651		1	37.93	40.74	39.34
81998-EOFT	20110810	8:13	A	78-2	652		1	49.09	40	44.55
83093-EOFT	20110812	17:00	G	78-2	820	1G0436MA1	45.86	53.86	49.86	
83094-EOFT	20110812	17:00	G	78-2	821	1G0800MA1	50.26	50.38	50.32	
83069-EOFT	20110817	8:35	A	78-2	653		1	45.45	38.46	41.96
82432-EOFT	20110817	14:46	B	78-2	265		1	40.68	37.29	38.99
83070-EOFT	20110819	8:06	A	78-2	654		1	41.18	42.11	41.65
82433-EOFT	20110824	15:23	B	78-2	266		1	35.59	38.71	37.15
83095-EOFT	20110825	17:00	G	78-2	822	1G0948MA1	37.68	41.03	39.36	

TESTKEY	LTMSDATE	LTMS	TIME	SLAB	IND	TSTNO	TSTRUN	CIFRUN1	CIFRUN2	CIFA
83074-EOFT	20110829	07:53	A	78-2	655	1		54.17	52.08	53.13
83096-EOFT	20110829	17:00	G	78-2	823	1G1190MA1		54.73	44.87	49.8
82434-EOFT	20110831	13:40	B	78-2	267	1		36.67	36.92	36.79
83097-EOFT	20110901	17:00	G	78-2	824	1G1404MA1		42.65	43.22	42.94
83075-EOFT	20110902	08:34	A	78-2	656	1		49.06	48.94	49
83098-EOFT	20110903	17:00	G	78-2	825	1G1503MA1		49.43	45.29	47.36
83099-EOFT	20110909	17:00	G	78-2	826	1S0052MA1		43.4	34.87	39.14
83100-EOFT	20110912	17:00	G	78-2	827	1S0281MA1		46.36	44.39	45.38
83101-EOFT	20110915	17:00	G	78-2	828	1S0389MA1		56.16	46.72	51.44
83076-EOFT	20110917	07:30	A	78-2	658	1		46.81	48	47.41
83102-EOFT	20110929	17:00	G	78-2	829	1S1006MA1		41.47	38.48	39.98
83103-EOFT	20111005	17:00	G	78-2	830	1S1276MA1		46.53	60.53	53.53
83077-EOFT	20111008	09:39	A	78-2	661	1		43.75	47.17	45.46
83078-EOFT	20111013	10:28	A	78-2	662	1		38.78	37.78	38.28
83104-EOFT	20111014	17:00	G	78-2	831	1O0440MA1		52.89	47.14	50.02
83105-EOFT	20111017	17:00	G	78-2	832	1O0679MA1		48.31	51.66	49.99
83079-EOFT	20111020	10:05	A	78-2	663	1		42.86	42	42.43
83106-EOFT	20111021	17:00	G	78-2	833	1O0811MA1		41.23	43.21	42.22
83107-EOFT	20111026	17:00	G	78-2	834	1O1004MA1		36.2	43.41	39.81
83080-EOFT	20111028	08:49	A	78-2	664	1		43.14	40.74	41.94
83108-EOFT	20111028	17:00	G	78-2	835	1O1084MA1		33.75	44.01	38.88
82435-EOFT	20111028	17:50	B	78-2	278	1		36.67	32.39	34.53
83109-EOFT	20111031	17:00	G	78-2	836	1O1281MA1		48.1	46.15	47.13
83110-EOFT	20111102	17:00	G	78-2	837	1O1309MA1		35.29	45.88	40.59
83081-EOFT	20111103	08:21	A	78-2	665	1		44.44	40.68	42.56
83111-EOFT	20111103	17:00	G	78-2	838	1N0001MA1		47.21	48.1	47.66
83112-EOFT	20111108	17:00	G	78-2	839	1N0131MA1		52.45	51.95	52.2
83082-EOFT	20111111	10:12	A	78-2	666	1		38.6	37.25	37.93
83113-EOFT	20111117	17:00	G	78-2	840	1N0505MA1		49.08	52.32	50.7
83083-EOFT	20111118	07:53	A	78-2	667	1		45.28	40.38	42.83
83114-EOFT	20111118	17:00	G	78-2	841	1N0626MA1		52.34	45.47	48.91
83115-EOFT	20111121	17:00	G	78-2	842	1N0719MA1		35.92	45.13	40.53
83085-EOFT	20111123	09:02	A	78-2	668	1		39.29	43.33	41.31
83116-EOFT	20111128	17:00	G	78-2	843	1N1021MA1		54.4	52	53.2