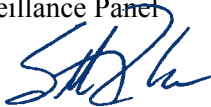




Test Monitoring Center

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

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

MEMORANDUM: 12-014
DATE: May 21, 2012
TO: HTCT Surveillance Panel
FROM: Scott Parke 
SUBJECT: Oil 155-1 Targets

Oil 155-1 is ready for introduction into the HTCT test. Reblends of oils are commonly introduced using the targets from the previous blend until enough data is generated for blend-specific targets. When made aware of the dwindling supply of oil 155 at one of the LRI Surveillance Panel meetings, the HTCT panel briefly discussed and endorsed this introduction plan for oil 155-1. However, in preparing targets for use for the first 155-1 HTCT test, the TMC discovered that the currently in-use targets for 155 were not generated from 155 reference runs, but rather were carried over from oil 151-3 in September of 2004. There are sixteen 155 runs available for target calculation. After consultation with the HTCT and B.03 committee chairs, the TMC has computed targets from these tests that will be used beginning with the next 155-1 run. These targets are shown in the table below. The data from the sixteen tests is attached.

n	Mean	Std	Acceptance Limits	
			Minimum	Maximum
16	65963	15022	36519	95407

SDP/sdp/mem12-014.sdp.doc

cc: Frank Farber
Jeff Clark

<ftp://ftp.astmtmc.cmu.edu/docs/gear/htct/memos/mem12-014.pdf>

Distribution: email

Reported Test Results

TESTKEY	LTMSLAB	LTMSAPP	VAL	IND	LTMSDATE	CYC	CYCyI
58884-HTCT	A	3	AC	155	20060527	59140	-1.812
58886-HTCT	E	1	AC	155	20060711	86287	0.513
58887-HTCT	E	1	AC	155	20080320	64827	-1.000
58885-HTCT	A	3	AC	155	20080708	73284	-0.125
64414-HTCT	E	1	OC	155	20081008	42269	-3.335
66804-HTCT	E	1	OC	155	20081015	37984	-3.778
66805-HTCT	E	1	OC	155	20081026	43043	-3.255
64416-HTCT	A	3	AC	155	20090119	70159	-0.448
66802-HTCT	A	3	AC	155	20090711	62139	-1.278
71461-HTCT	E	1	AC	155	20091014	56563	-1.855
66803-HTCT	A	3	AC	155	20091222	79800	0.550
75645-HTCT	E	1	AC	155	20100515	66310	-0.847
71288-HTCT	A	3	AC	155	20100702	74296	-0.020
74006-HTCT	A	3	AC	155	20101221	77283	0.289
74007-HTCT	A	3	AC	155	20110614	76639	0.223
82723-HTCT	A	3	AC	155	20111128	85385	1.128

HTCT Targets: 155-1 Introduction

Current 155 Targets: Mean = 74489, Std = 9662, k = 1.96

New 155-1 Targets: Mean = 65963, Std = 15022

