



# Test Monitoring Center

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MEMORANDUM: 05-053

DATE: June 29, 2005

TO: D02.B07 TEOST Mailing List

FROM: Tom Schofield

SUBJECT: MTEOS Technical Update: Adjusted Reference Oils Targets

At the ASTM D02.B0.07 TEOST Surveillance Panel meeting of June 20, 2005, the panel approved adjusting the reference oil performance targets and acceptance bands for all three TMC MTEOS (D7097) reference oils. Table 1 shows the approved MTEOS reference oils, performance targets and acceptance bands to become effective June 30, 2005. All tests with a date completed June 30, 2005, or later will be evaluated using these new performance estimates:

Table 1  
MTEOS (D7097) Reference Oil Performance Targets and Acceptance Bands  
Effective June 30, 2005

Oil ID	n	Target Mean*	Target sR*	Acceptance Bands	
				95% Min*	95%Max*
74	17	12.74	4.60	3.7	21.8
432	14	47.99	3.67	40.8	55.2
434	11	27.68	5.57	16.8	38.6

\*Total Deposits, mg

Pooled Target Total Deposits sR is now 4.60 mg

The new performance targets and acceptance bands were estimated using operationally valid TMC calibration data reported to the TMC through June 8, 2005, and using Rod Batch E parts. It is anticipated that the targets and bands shown in Table 1 will need to be re-evaluated after additional MTEOS data are collected on Rod Batch E calibration tests.

Please direct any inquiries to my attention.

Tom Schofield

TMS/tms

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<ftp://ftp.astmtmc.cmu.edu/docs/bench/mteos/memos/mem05-053.pdf>

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