



Test Monitoring Center

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MEMORANDUM: 19-060
DATE: November 26, 2019
TO: D02.B0.07 TEOST Mailing List
FROM: Tom Schofield
SUBJECT: D7097 MTEOS Technical Update – Updated Reference Oil Targets

On November 21, 2019, the D02.B0.07 TEOST Surveillance Panel approved preliminary performance targets on reference oil 434-3 based on results from a limited round robin. Oil 434-3 will be phased in to replace current reference oil 434, which is now in low supply. As agreed, the TMC will continue to ship and assign oil 434 until it is depleted. These approved changes are effective November 27, 2019.

The LTMS MTEOS section 41 will be updated accordingly with the following information (additions in red font):

Table 1
D7097 (MTEOS) Reference Oil Targets and Acceptance Bands Effective 20191127

Test	Oil Code	Parameter	n	Mean	sR	Acceptance Bands*	
						Lower	Upper
MTEOS by	432	Total Deposit wt. (mg)	30	47.04	4.50	38.2	55.9
D7097	434	Total Deposit wt. (mg)	30	27.37	6.57	14.5	40.2
	434-3	Total Deposit wt. (mg)	8	28.39	6.46	15.7	41.0

*95% Acceptance Bands = Mean +/- (1.960 x sR)

The dataset used to set these preliminary targets on 434-3 is posted here:

http://www.astmtmc.cmu.edu/ftp/refdata/bench/mteos/data/Round_Robins/MTEOS-Oil_434-3_RR/20190912_MTEOS_434-3_RR_Data_Prelim.xls

TMS/tms

c: <http://www.astmtmc.cmu.edu/ftp/docs/bench/mteos/memos/mem19-060.pdf>

Distribution: Email