



Test Monitoring Center

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MEMORANDUM: 19-031
DATE: June 4, 2019
TO: BRT Surveillance Panel
FROM: Michael T. Kasimirsky *Michael T. Kasimirsky*
SUBJECT: Reference Oil 87 Final Test Targets

As approved by the BRT Surveillance Panel, the test targets for Reference Oil 87 were updated and frozen after an additional six months of data were obtained on this reference oil. Two results were removed from the target data set based upon rare event screening defined in Standard Practice E 178.

The updated targets are shown in Table 1, below:

Table 1: Reference Oil 87 Updated Test Targets (N=56)			
Parameter	Mean	Standard Deviation	Acceptance Range
Average Gray Value	121.8	8.4	105 to 139

The individual test results; the initial, updated, and final test target acceptance ranges; and the test target acceptance range for Reference Oil 81 for *Average Gray Value* are plotted in Figure 1. The individual test results used in generation of these test targets, with the screened results shown in red, are available at the following link:

<http://www.astmtmc.cmu.edu/ftp/refdata/bench/brt/data/BRT%20Reference%20Oil%2087%20Final%20Target%20Data.xlsx>

These targets are effective on June 15, 2019.

c: <http://www.astmtmc.cmu.edu/ftp/docs/bench/brt/memos/mem19-031.mtk.pdf>

Distribution: electronic mail

Figure 1: Average Gray Value Test Target Data Set and Acceptance Bands

BRT Reference Oil 87

