



Test Monitoring Center

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MEMORANDUM: 11-034
 DATE: August 3, 2011
 TO: Sue Milczewski, Chair, ASTM D02.B0.07 TEOST Surveillance Panel
 FROM: Tom Schofield
 SUBJECT: TEOST Technical Update: New Reference Oils 75 & 435-2

At an ASTM D02.B0.07 TEOST Surveillance Panel teleconference, on July 28, 2011, the panel voted to add reference oils 75 and 435-2 to the D6335 TEOST-33C test monitoring system with the following preliminary targets and acceptance bands:

Test	Oil Code	Parameter	n	Mean	sR	Acceptance Bands	
						95%	
						Lower	Upper
TEOST by D6335	71-1	Total Deposit wt. (mg)	27	51.79	4.79	42.4	61.2
	72-1	Total Deposit wt. (mg)	27	26.72	3.46	19.9	33.5
	75	Total Deposit wt. (mg)	14	55.16	5.68	44.0	66.3
	435-2	Total Deposit wt. (mg)	15	26.95	2.86	21.3	32.6

The target mean, standard deviation and 95% confidence acceptance band ranges shown above for oils 75 and 435-2 were established from recent round robin data and approved by vote during the teleconference. The values for oils 71-1 and 72-1 are the current targets and bands that were previously established by the panel. Oils 71-1 and 72-1 are to be phased out of the monitoring system.

The panel also voted to revisit these targets and acceptance bands after the TMC has collected additional reference data on the new oils, preferably after an additional (approximately) 15 operationally valid reference tests are collected on each oil.

The panel also directed that the TMC may continue to assign reference oils 71-1 and 72-1 until existing inventories already at the labs are depleted, but the TMC will not ship any more 71-1 or 72-1 for calibration purposes. Oils 75 and 435-2 are presently being shipped to the participating laboratories for blind calibration use.

Please direct any inquiries to my attention.

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ASTM D02.B0.07 TEOST Mailing List

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