Test Monitoring Center

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

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

A Program of ASTM International

L-37 Information Letter 11-3
Sequence Number 43
September 9, 2011

ASTM consensus has not been obtained on this information letter. An appropriate ASTM ballot will be issued in order to achieve such consensus.

TO: L-37 Mailing List

SUBJECT: 1. Removal of Requirement to Mail Paper Final Test Report to TMC
                2. Precision Statement Corrected for Untransformed Test Results

At its May 11, 2011 meeting, the L-37 Surveillance Panel approved a motion to discontinue the requirement for mailing paper copies of reference test final test reports to the TMC.

In addition, because of the change to untransformed units for all test results, the precision statement provided in Table 1 of D 6121-10 has been updated.

Revised sections of D 6121-10 are shown on the following page. These changes are effective immediately on the issuance of this information letter.

Galen Greene
Chairman
L-37 Surveillance Panel

Frank Farber
Administrator
ASTM Test Monitoring Center

Attachment

cc: ftp://ftp.astmtmc.cmu.edu/docs/gear/l37/procedure_and_ils/il11-3.pdf

Distribution: Email

13.3 Report reference oil test results to the TMC within five days of test completion. Use the report form package described in Annex A7.

13.5 Electronic Transmission of Test Results—For electronic transfer of test results, use the ASTM Data Communications Committee Test Report Transmission Model (see Section 2 - Flat File Transmission Format) available from the ASTM TMC.

TABLE 1 Reference Oil Test Precision Data

NOTE—These statistics are based on the L-37 Standard version test results obtained on Test Monitoring Center Reference Oils 151-2, 151-3, 152, 152-1, 153, 153-1, and 155 as of May 23, 2011. There are no statistics for the Canadian version test at this time.

Legend:

$S_{i.p.}$	=	intermediate precision standard deviation
$i.p.$	=	intermediate precision
S_R	=	reproducibility standard deviation
R	=	reproducibility

Hardware Type	Variable	$S_{i.p.}$	$i.p.$ [A]	S_R	R [A]
Lubrited	Pinion ridging, merit	1.430	4.004	1.430	4.004
	Pinion rippling, merit	0.476	1.333	0.479	1.341
	Pinion pitting/spalling, merit	0.579	1.621	0.587	1.644
	Pinion wear, merit	0.519	1.453	0.563	1.576
Non-lubrited	Pinion ridging, merit	0.666	1.865	0.691	1.935
	Pinion rippling, merit	0.557	1.560	0.572	1.602
	Pinion pitting/spalling, merit	0.847	2.372	0.847	2.372
	Pinion wear, merit	0.713	1.996	0.713	1.996

[A]This value is obtained by multiplying the standard deviation by 2.8.