



# Test Monitoring Center

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L-37 Information Letter 03-2  
Sequence Number 27  
April 4, 2003

***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: Wear Rating Definitions

During the March 26, 2003 L-37 Surveillance Panel conference call, the panel approved a motion to revise the gear rating rules for the wear distress. Attached are new Sections A9.3.6.2 and A9.3.6.4 as well as revised Sections A9.2, A9.3.6, A9.3.6.1, and A9.4.1. Old Sections A9.3.6.2, A9.3.6.3 and A9.3.6.4 have been revised and renumbered to A9.3.6.3, A9.3.6.5, and A9.3.6.6, respectively. The revised rating rules are effective with the next reference oil test on or after March 27, 2003.

Donald T. Bartlett  
Chairman  
L-37 Surveillance Panel

John L. Zalar  
Administrator  
ASTM Test Monitoring Center

Attachment

c: [ftp://tmc.astmtmc.cmu.edu/docs/gear/l-37/procedure\\_and\\_ils/il03-2.pdf](ftp://tmc.astmtmc.cmu.edu/docs/gear/l-37/procedure_and_ils/il03-2.pdf)

Distribution: Electronic Mail

(Revises Test Method D 6121-01 as amended by Information Letters 01-1 through 03-1)

A9.2 Severity Levels: Document the most severe level for each individual distress. Use the photographs in CRC Manual 21 as examples.

A9.3.6 Wear: Confirm the presence of a wear step both visually and tactilely.

A9.3.6.1 *Trace* - Tool marks are easily discernible at heel and toe area without a wear step.

A9.3.6.2 *Trace/Light* - Tool marks are barely discernible at heel and toe area without a wear step.

A9.3.6.3 *Light* - Absence of tool marks at the heel or the toe without a wear step.

A9.3.6.4 *Light/Medium* –The presence of a wear step.

A9.3.6.5 *Medium* – Shall have an easily discernible wear step, midway between Light and Heavy.

A9.3.6.6 *Heavy* – The severity level is so intense/severe that the distress is instantaneously recognizable.

A9.4.1 Do not use magnification for any level of severity for the wear distress. Magnification (4 power) may be used to verify trace levels of severity for the ridging, rippling, and scoring distresses. Do not use magnification for any other level of severity for the ridging, rippling and scoring distresses.