



Test Monitoring Center

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

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

MEMORANDUM: 19-040
DATE: October 8, 2019
TO: L-37-1 Surveillance Panel
FROM: Dylan Beck *Dylan Beck*
SUBJECT: L-37-1 Gleason 2014 Lubrited Hardware Approval

During a September 11th, 2019 Surveillance Panel meeting the panel members agreed to approve the 2014 Gleason Lubrited hardware targets. Since the approved range of 134 targets includes some test results that are more mild than expected, the panel decided to require that all 134 tests must fail the GL-5 requirements for at least one of the four critical parameters in order to be a passing reference test. The effective date of this change is October 1st, 2019. Please use "04-2014" as the batch identifier when reporting tests run on Gleason 2014 hardware.

| TMC IND | Parameter | N Size | Mean | Std. Dev. |
|-----------|-----------|--------|------|-----------|
| 134/134-1 | RIDG | 12 | 6.1 | 2.4 |
| | RIPP | | 7.4 | 1.6 |
| | WEAR | | 6.8 | 0.9 |
| | SPIT | | 9.9 | 0.1 |
| 152-2 | RIDG | 9 | 9.7 | 0.5 |
| | RIPP | | 9.3 | 0.5 |
| | WEAR | | 8.2 | 0.7 |
| | SPIT | | 9.7 | 0.6 |
| 155-1 | RIDG | 9 | 9.3 | 1.0 |
| | RIPP | | 8.7 | 0.7 |
| | WEAR | | 7.9 | 0.8 |
| | SPIT | | 9.9 | 0.0 |

[L-37-1 Target Dataset for TMC Memo 19-040](#)

DJB/djb/mem19-040.djb.doc

cc: Frank Farber
Jeff Clark

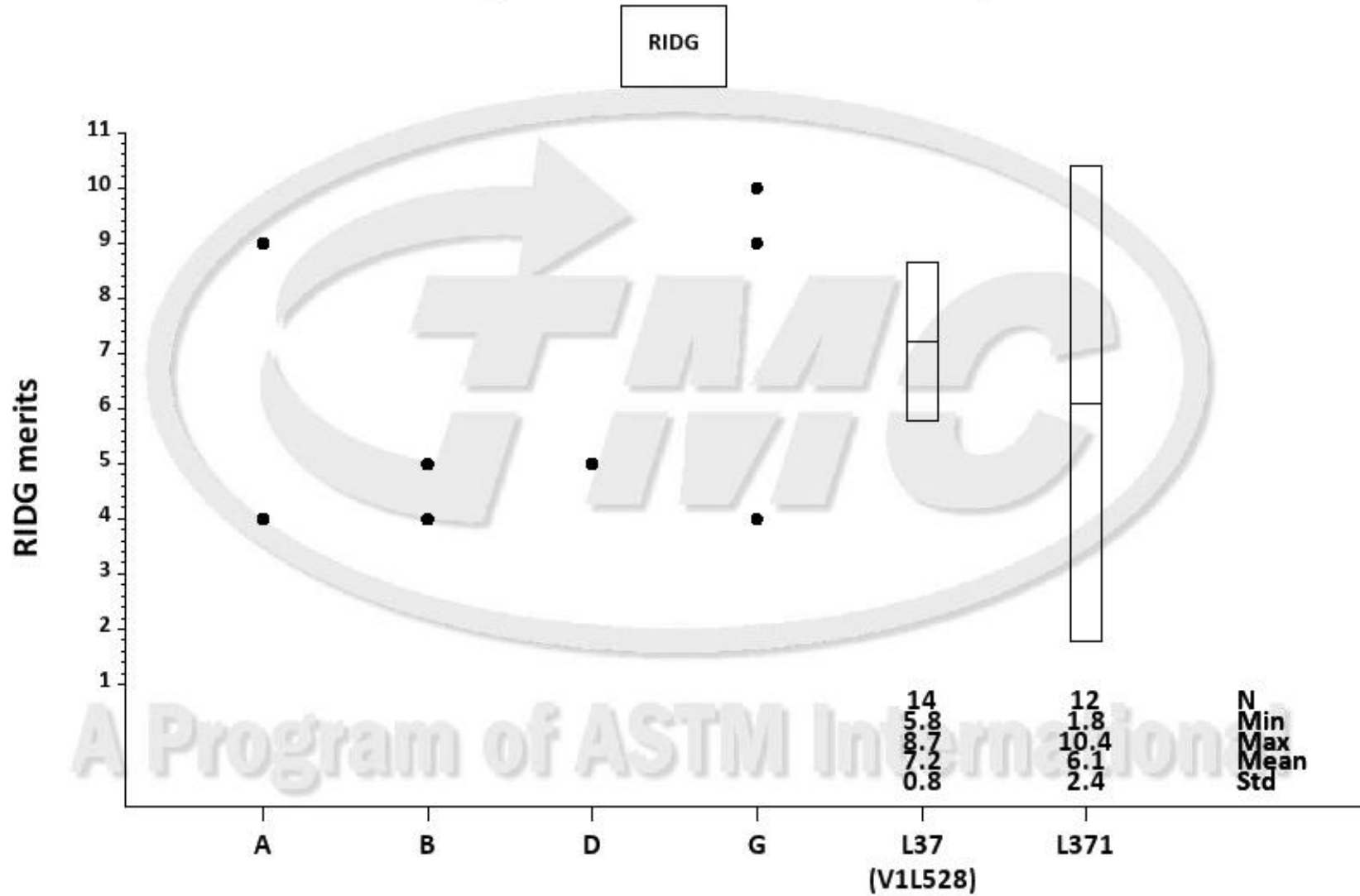
L-371 Surveillance Panel

<http://www.astmtmc.cmu.edu/ftp/docs/gear/1371/memos/mem19-040.pdf>

Distribution: email

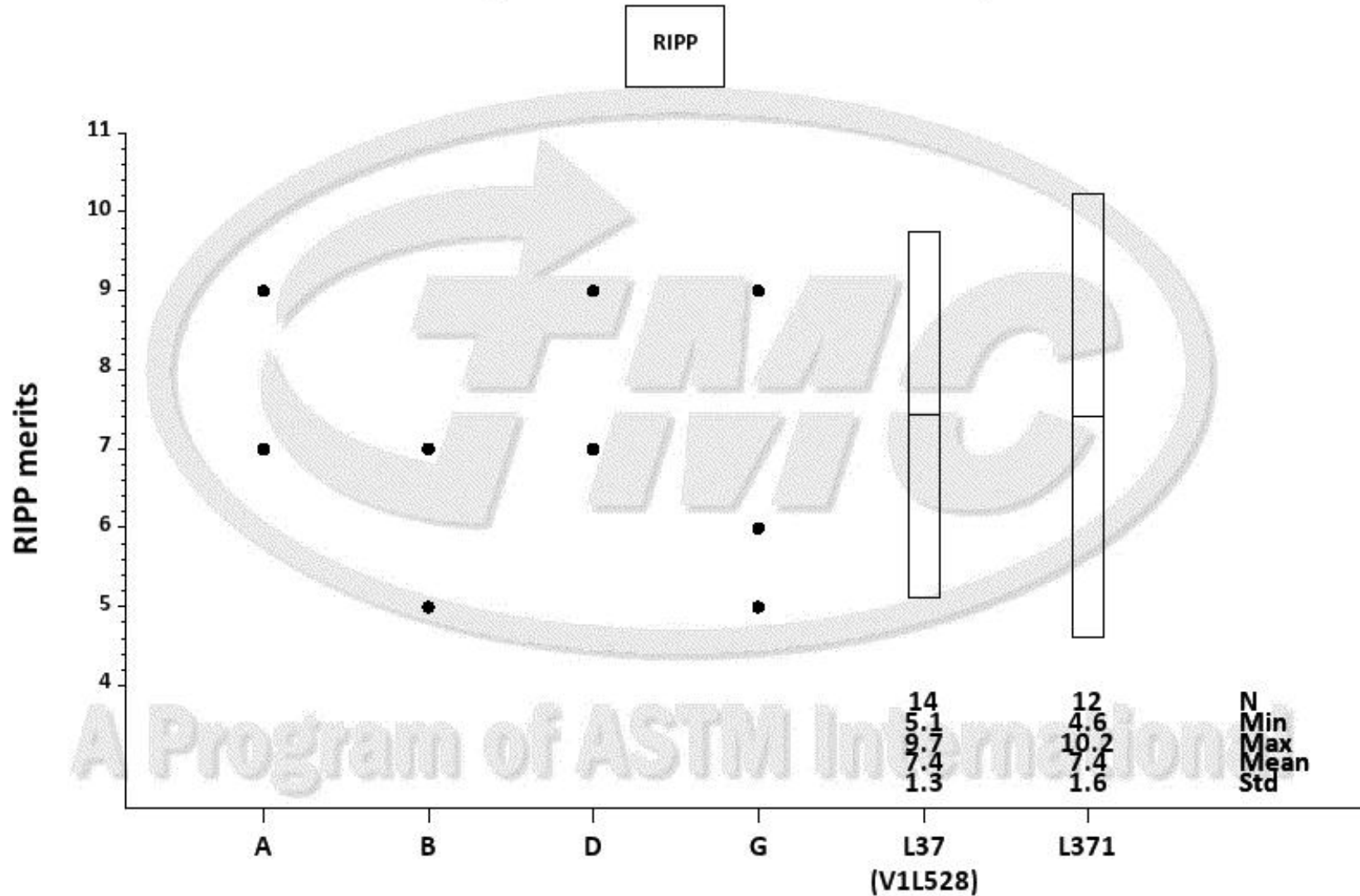
L-371 (D8165)

L-37-1 LUBRITED Hardware
Oil 134 Test Target Data Set and Shewart Severity Limits



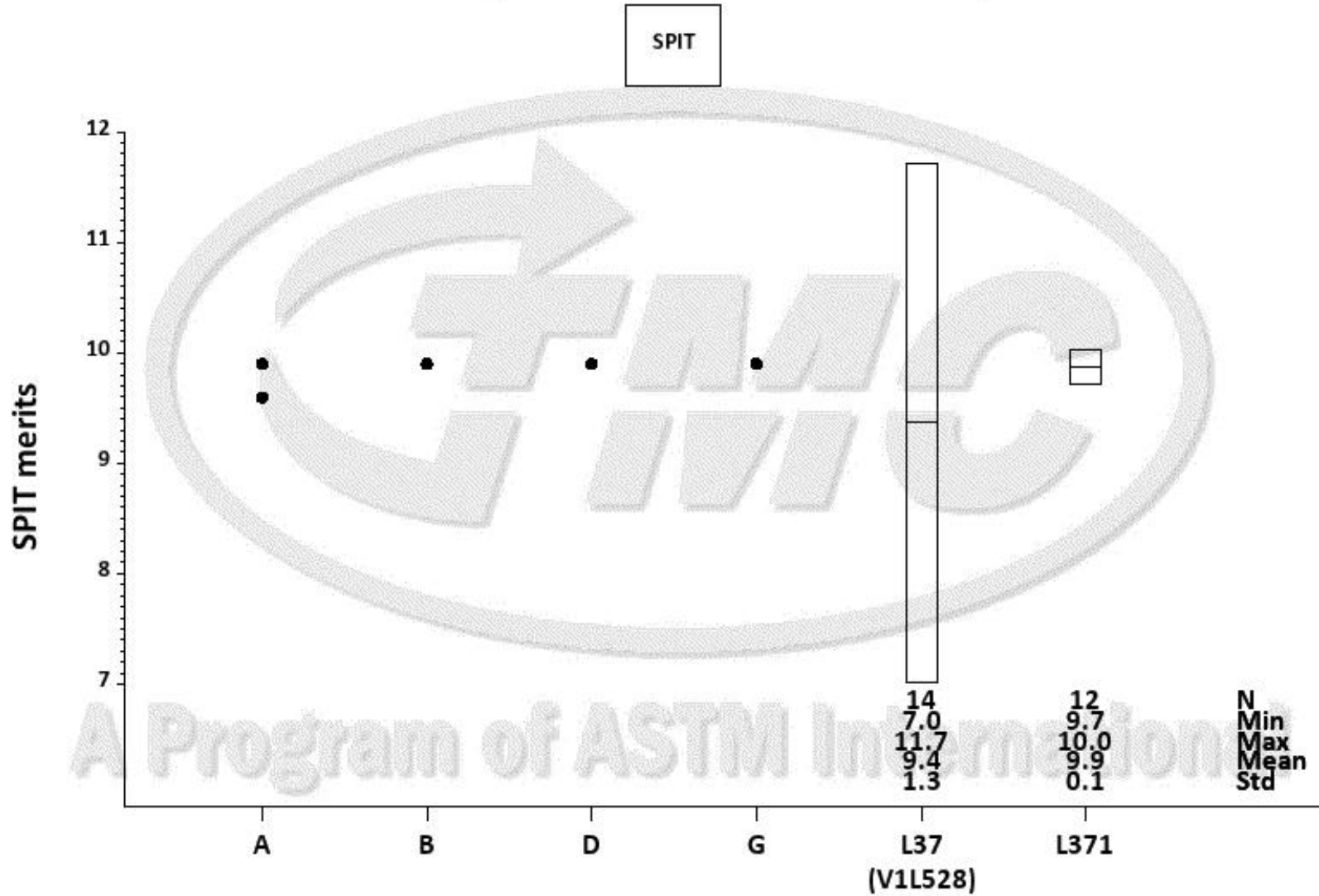
L-371 (D8165)

L-37-1 LUBRITED Hardware
Oil 134 Test Target Data Set and Shewart Severity Limits



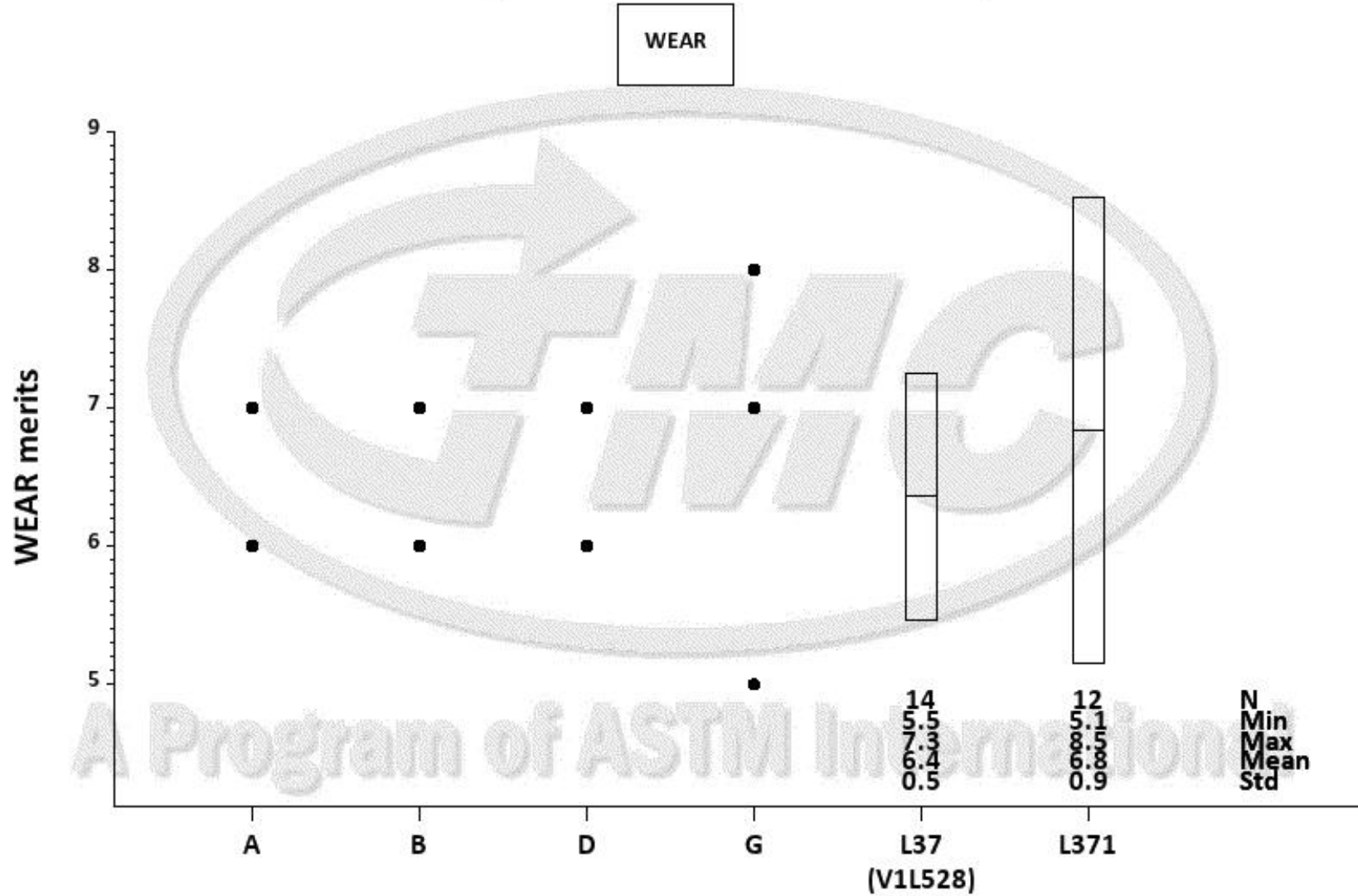
L-371 (D8165)

L-37-1 LUBRITED Hardware
Oil 134 Test Target Data Set and Shewart Severity Limits



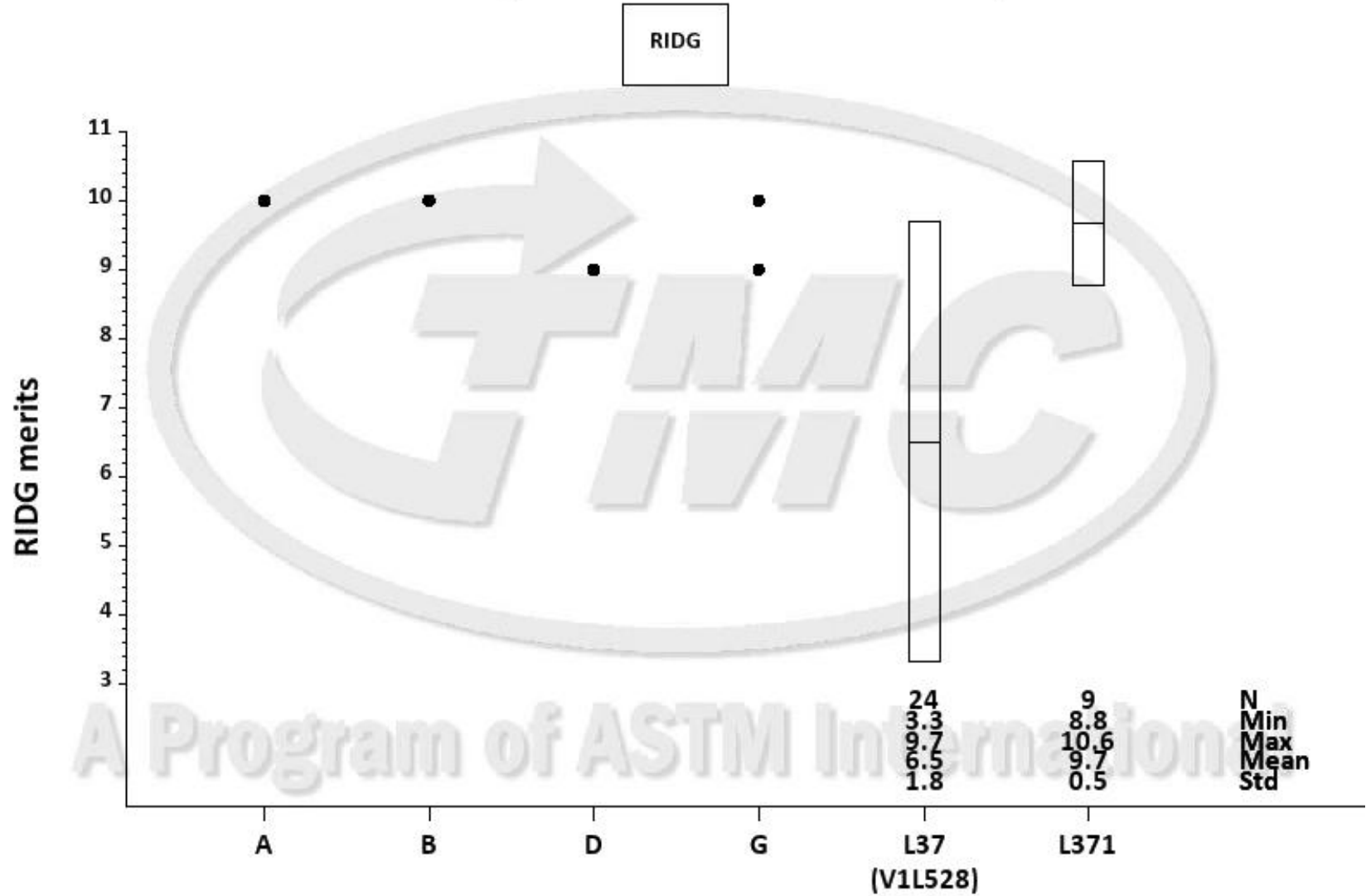
L-371 (D8165)

L-37-1 LUBRITED Hardware
Oil 134 Test Target Data Set and Shewart Severity Limits



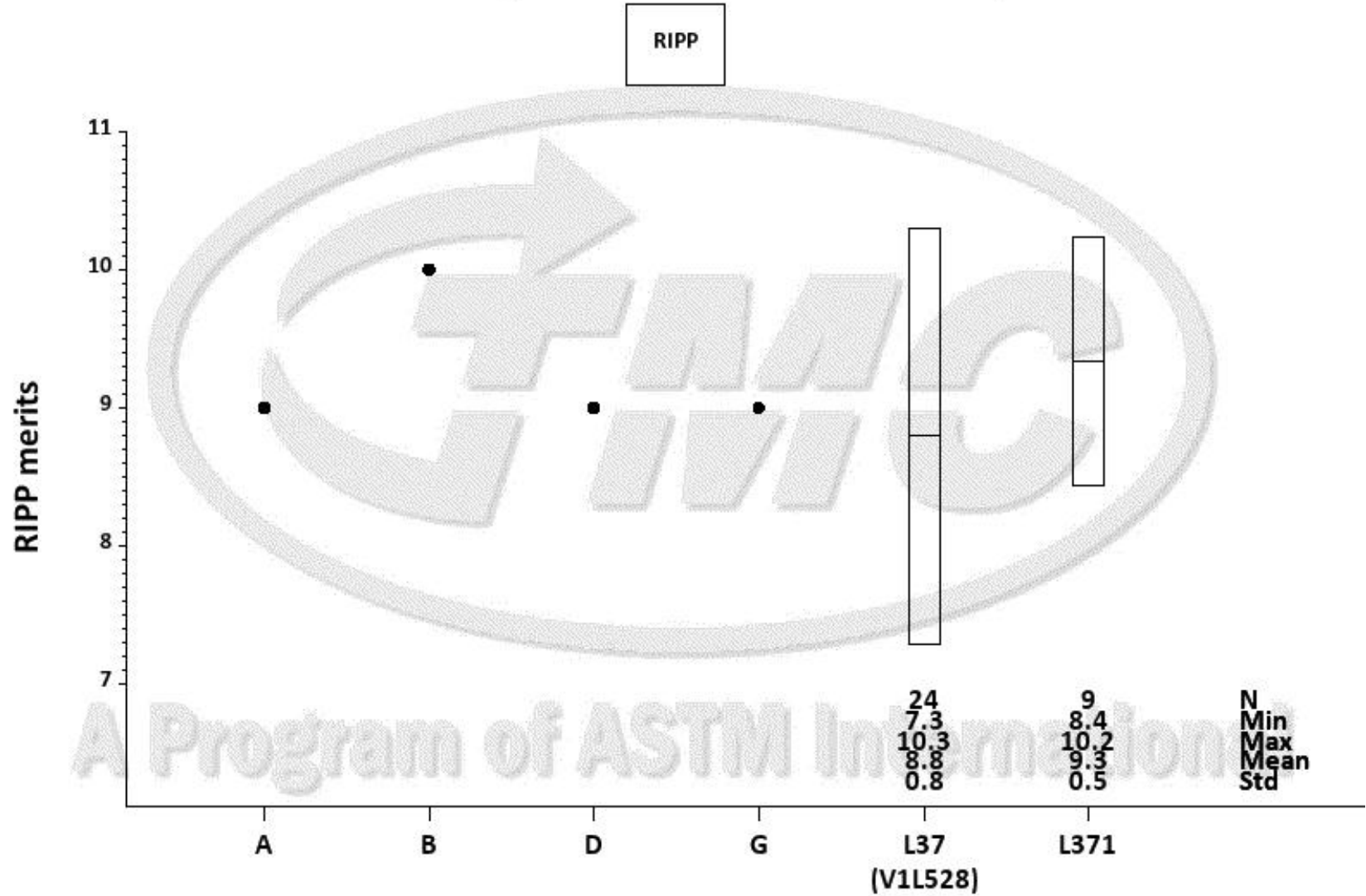
L-371 (D8165)

L-37-1 LUBRITED Hardware
Oil 152-2 Test Target Data Set and Shewart Severity Limits



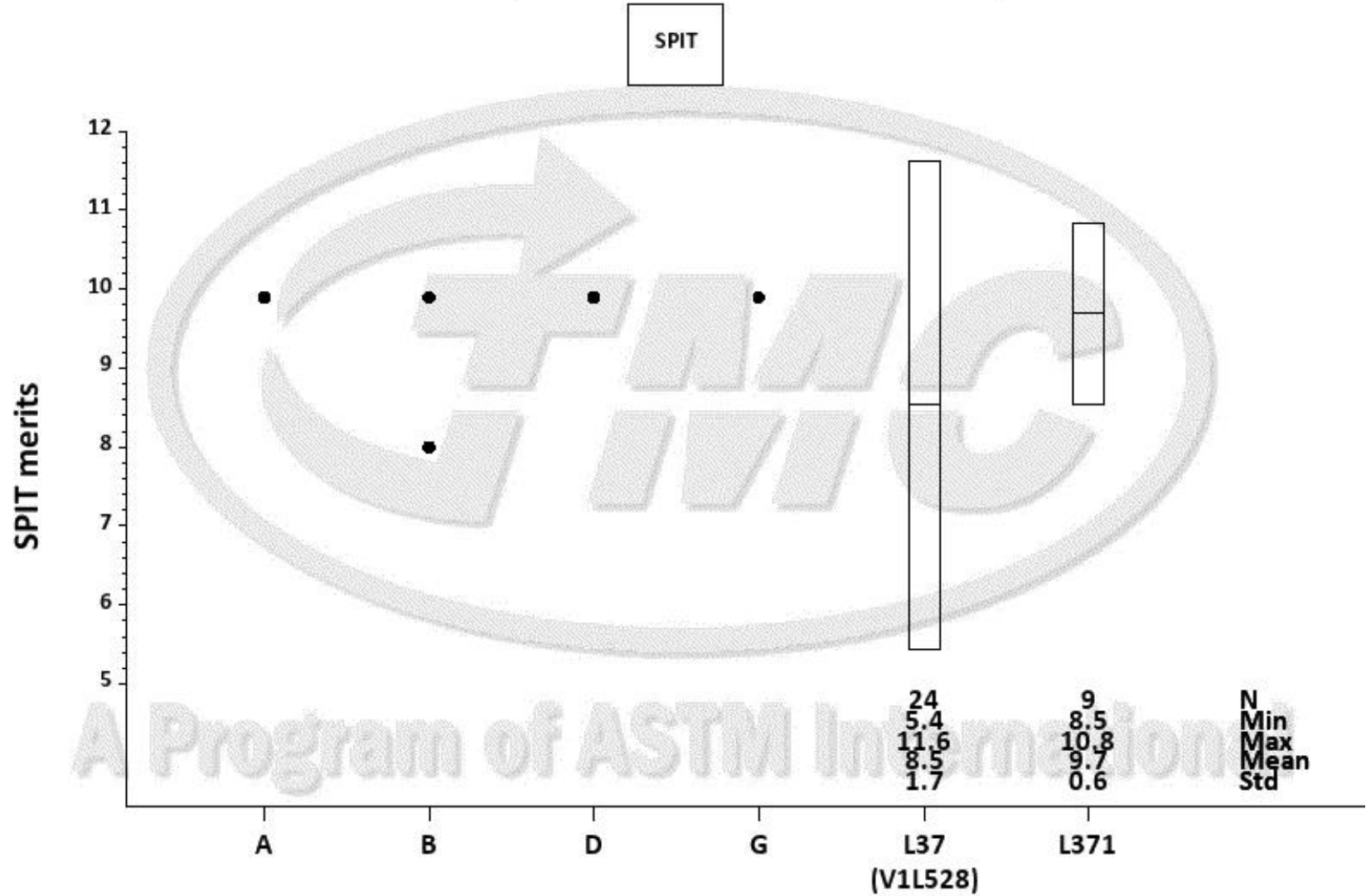
L-371 (D8165)

L-37-1 LUBRITED Hardware
Oil 152-2 Test Target Data Set and Shewart Severity Limits



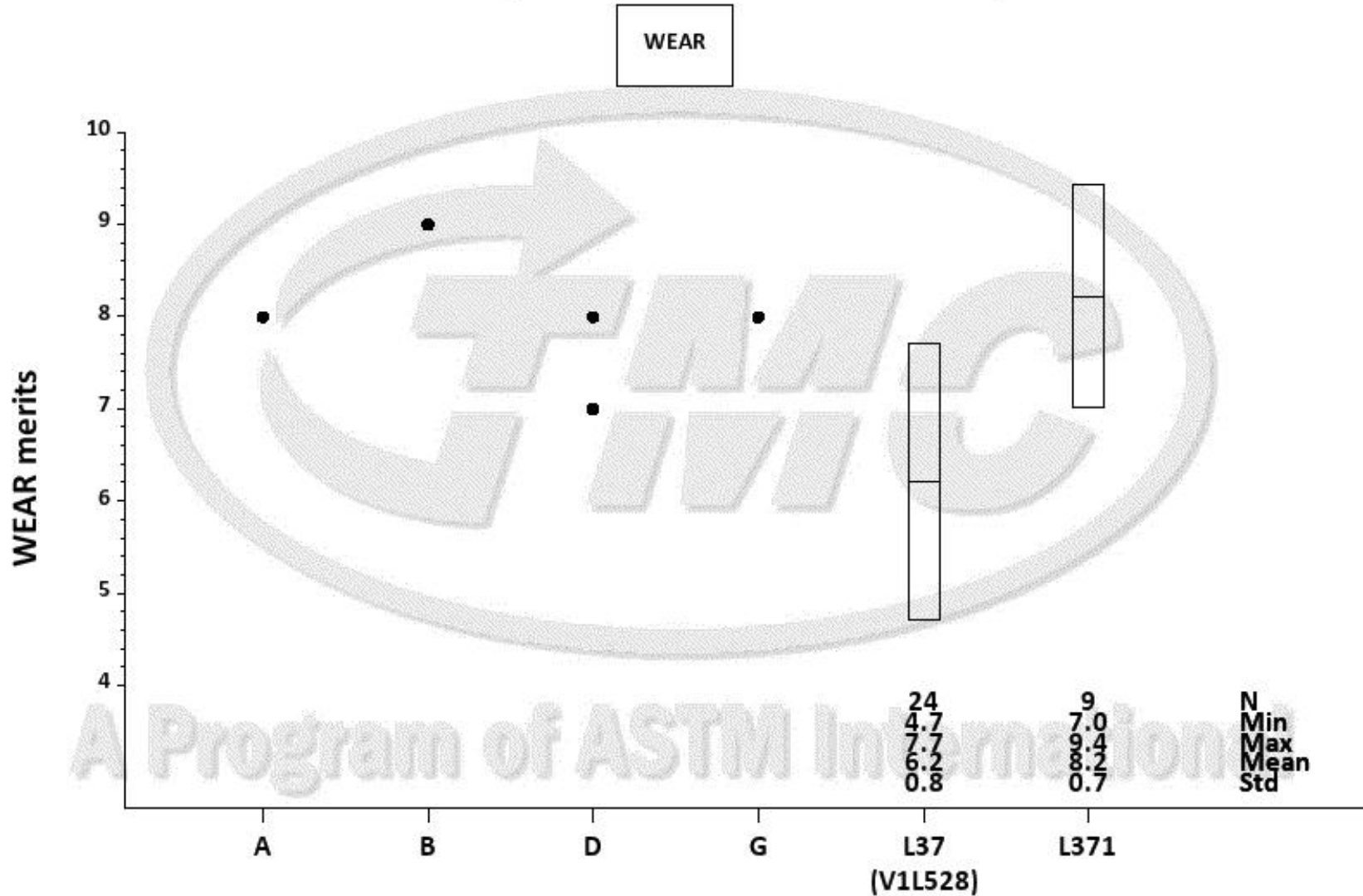
L-371 (D8165)

L-37-1 LUBRITED Hardware
Oil 152-2 Test Target Data Set and Shewart Severity Limits



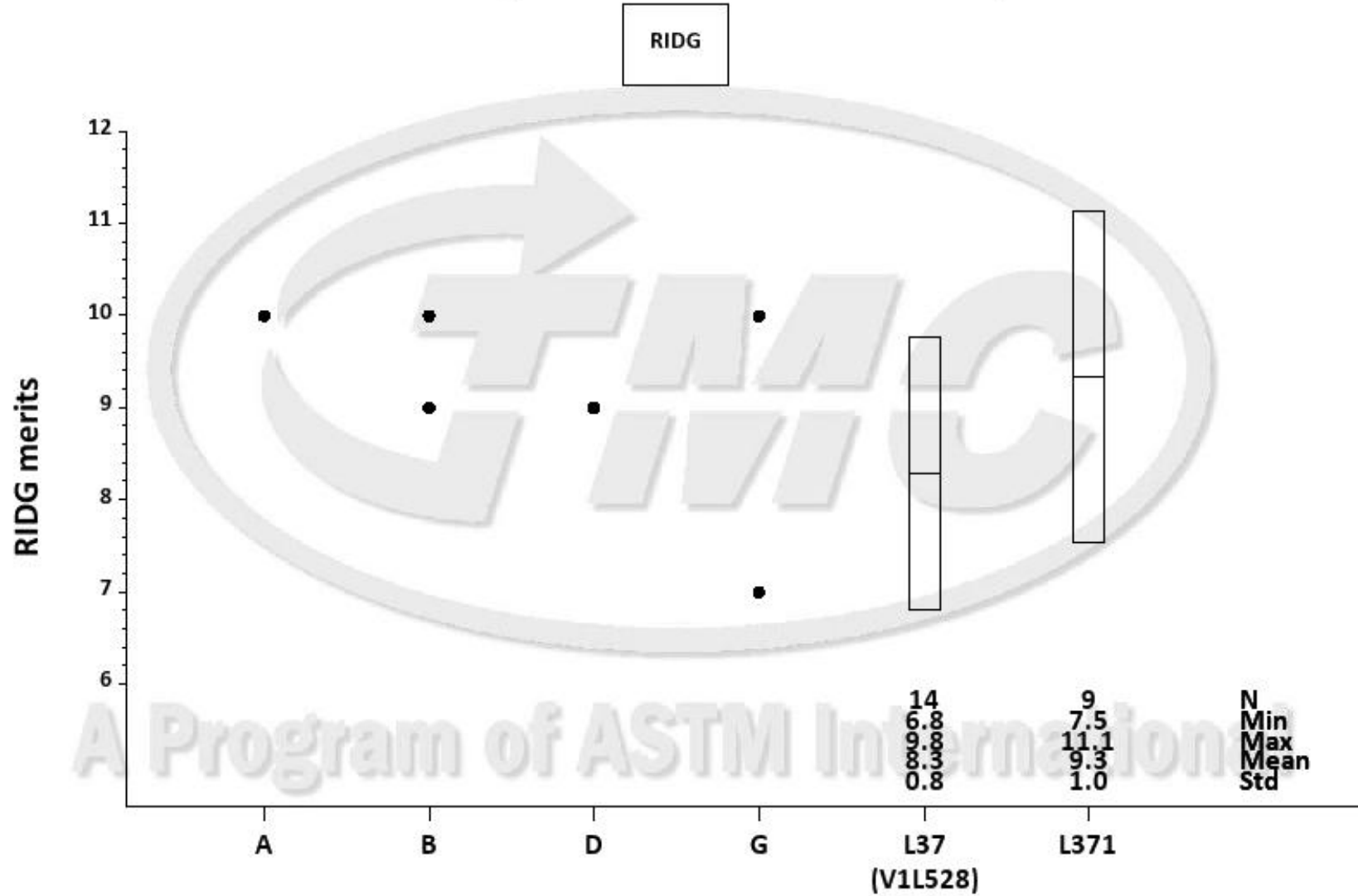
L-371 (D8165)

L-37-1 LUBRITED Hardware
Oil 152-2 Test Target Data Set and Shewart Severity Limits



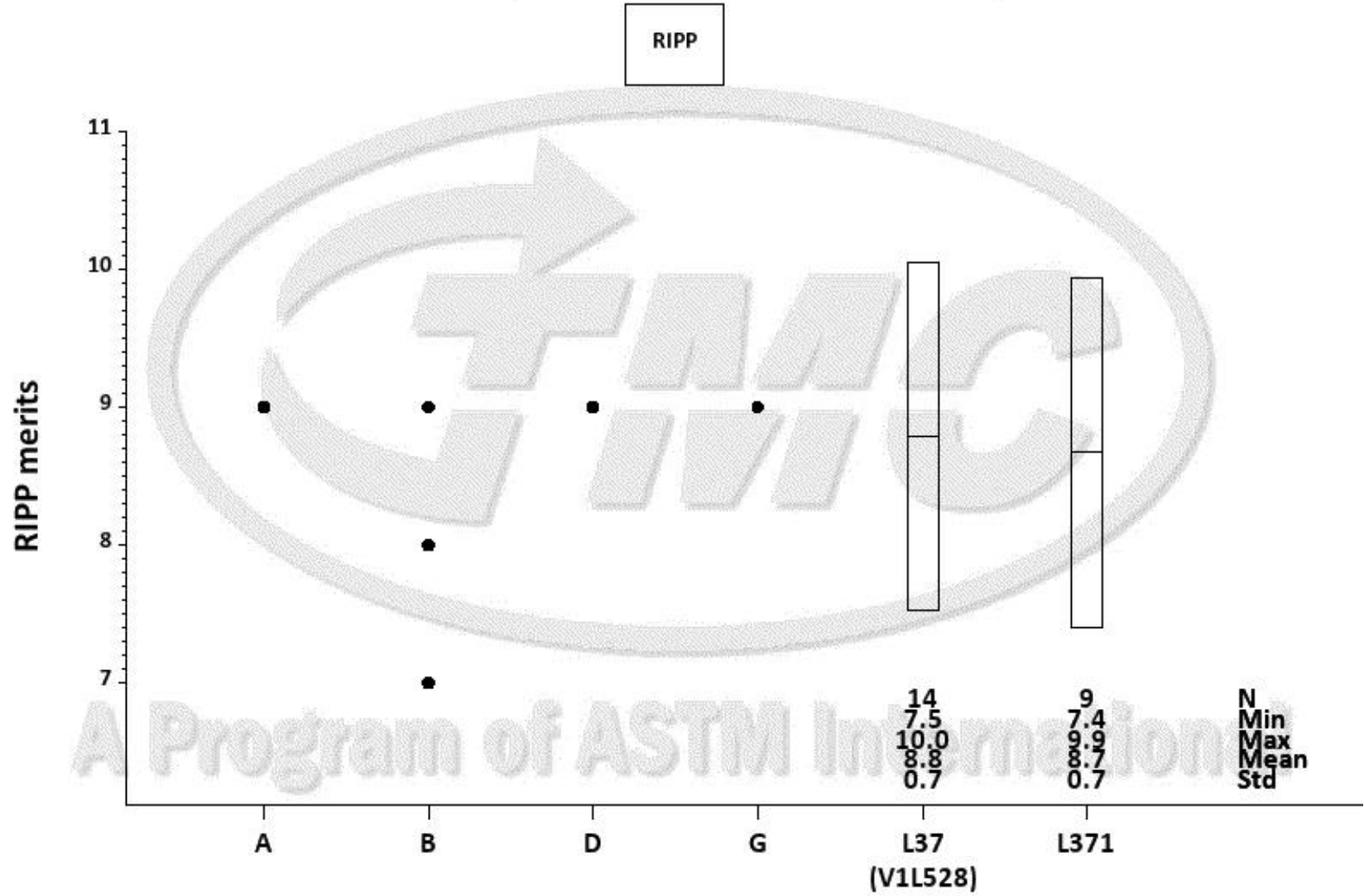
L-371 (D8165)

L-37-1 LUBRITED Hardware
Oil 155-1 Test Target Data Set and Shewart Severity Limits



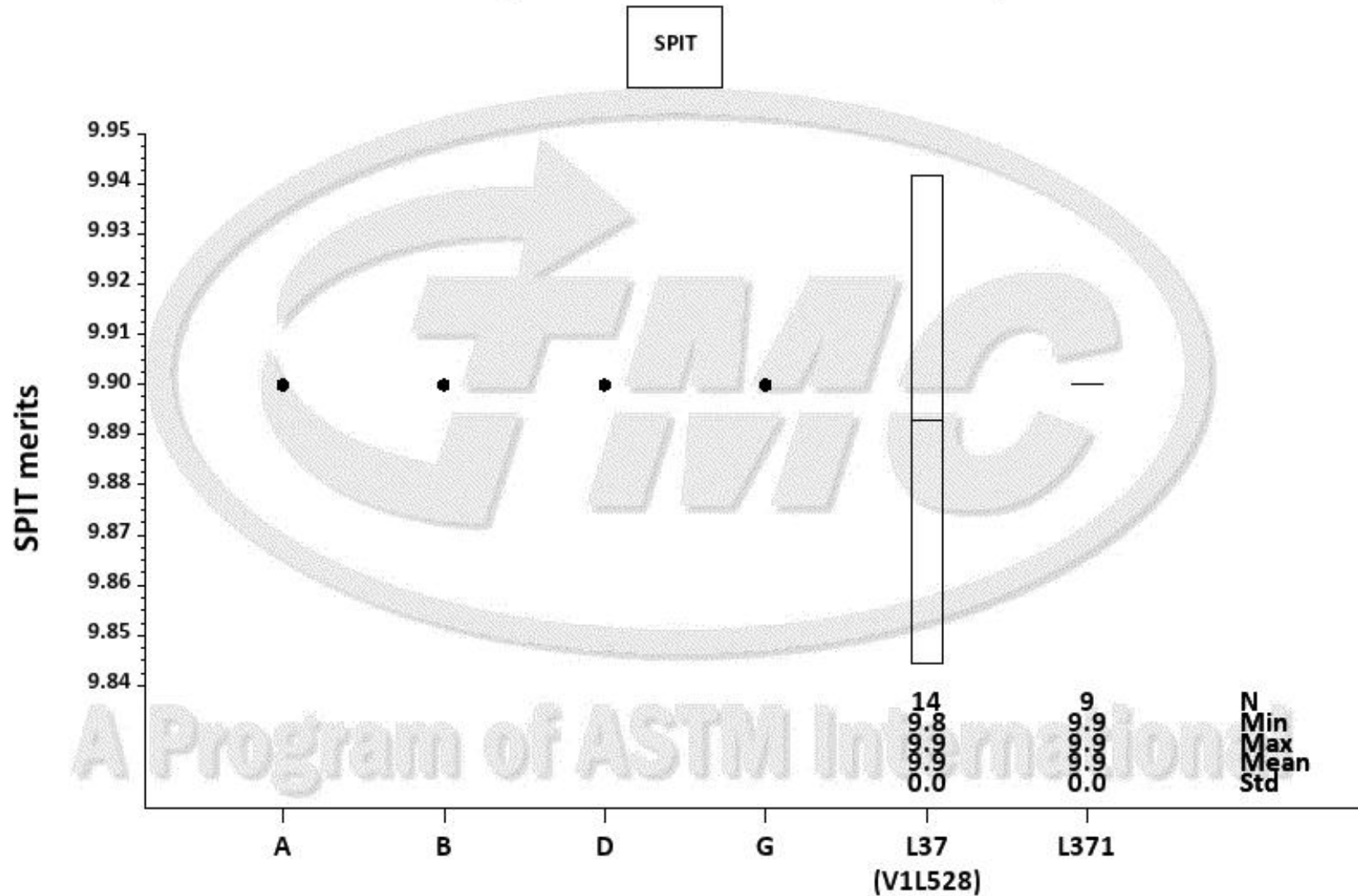
L-371 (D8165)

L-37-1 LUBRITED Hardware
Oil 155-1 Test Target Data Set and Shewart Severity Limits



L-371 (D8165)

L-37-1 LUBRITED Hardware
Oil 155-1 Test Target Data Set and Shewart Severity Limits



L-371 (D8165)

L-37-1 LUBRITED Hardware
Oil 155-1 Test Target Data Set and Shewart Severity Limits

