



Test Monitoring Center

6555 Penn Avenue
Pittsburgh, PA 15206-4489
(412) 365-1000

MEMORANDUM: 02-122
DATE: November 25, 2002
TO: L-37 Surveillance Panel
FROM: Donald Lind
SUBJECT: Gear Batch V1L176/P4L741A Approval

At the November 20, 2002 L-37 Surveillance Panel meeting, the panel approved the use of non-lubrited hardware, gear batch V1L176/P4L741A. The approved reference oil test targets for this gear batch are shown in the tables below.

Reference oil 127 Test Targets		
Parameter	Mean	Standard Deviation
WEAR	6.25	1.255
RIDGING	-1.165	0.5239
RIPPLING	-0.728	0.6375
SPITTING	0.199	0.6724
SCORING	10.0	0.001

Reference oil 128-1 Test Targets		
Parameter	Mean	Standard Deviation
WEAR	6.69	0.854
RIDGING	-0.788	0.2880
RIPPLING	-1.104	0.5250
SPITTING	0.385	0.2810
SCORING	10.0	0.001

Reference oil 151-3 Test Targets		
Parameter	Mean	Standard Deviation
WEAR	6.62	0.644
RIDGING	-0.237	0.5347
RIPPLING	-0.121	0.4696
SPITTING	0.462	0.1379
SCORING	10.0	0.001

These targets are effective for all tests completed on or after November 25, 2002.

DML/dml

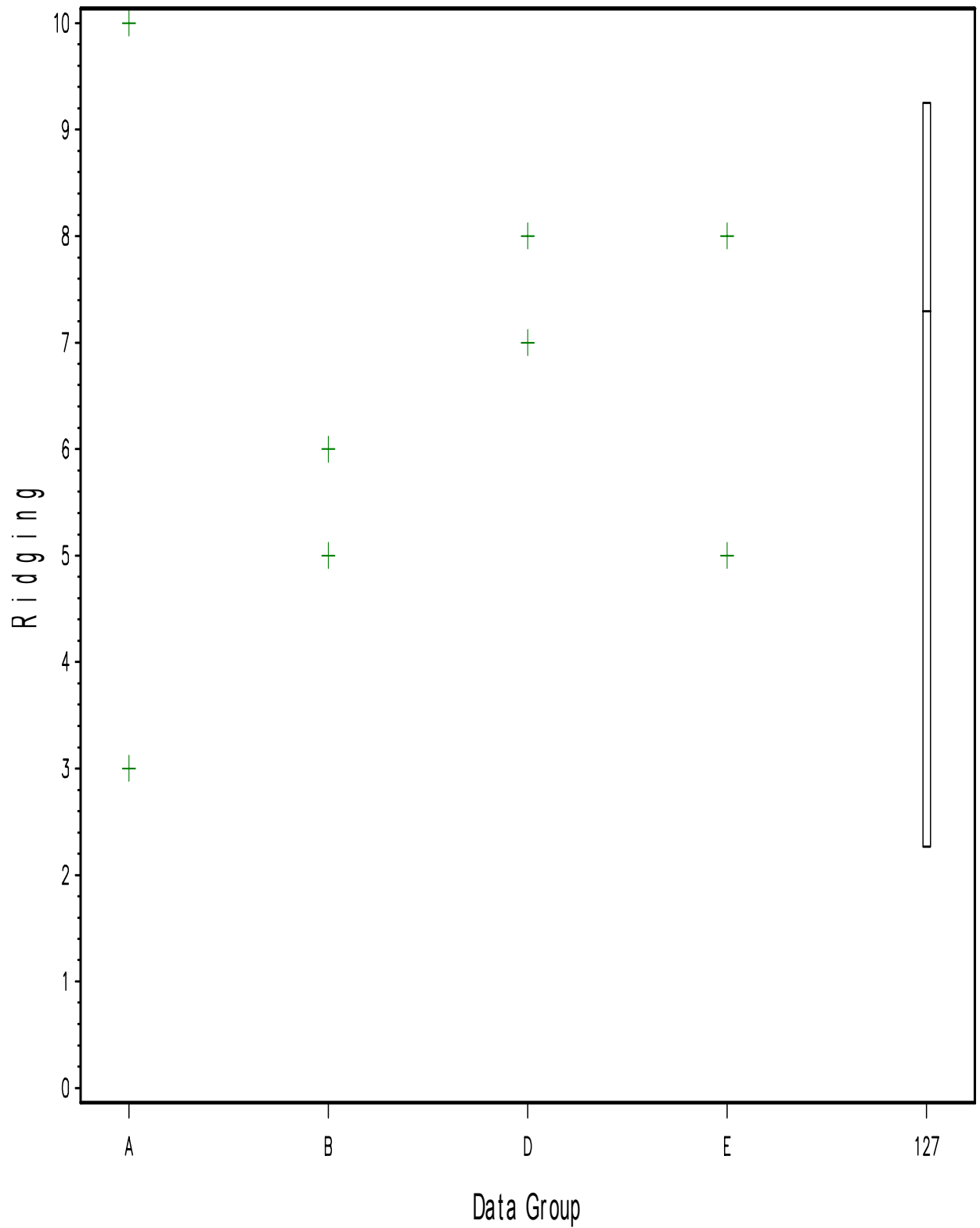
c: Frank Farber, TMC
John L. Zalar, TMC
David DuBois, PRI

<ftp://ftp.astmtmc.cmu.edu/docs/gears/l37/memos/mem02-122.pdf>

Distribution: Email

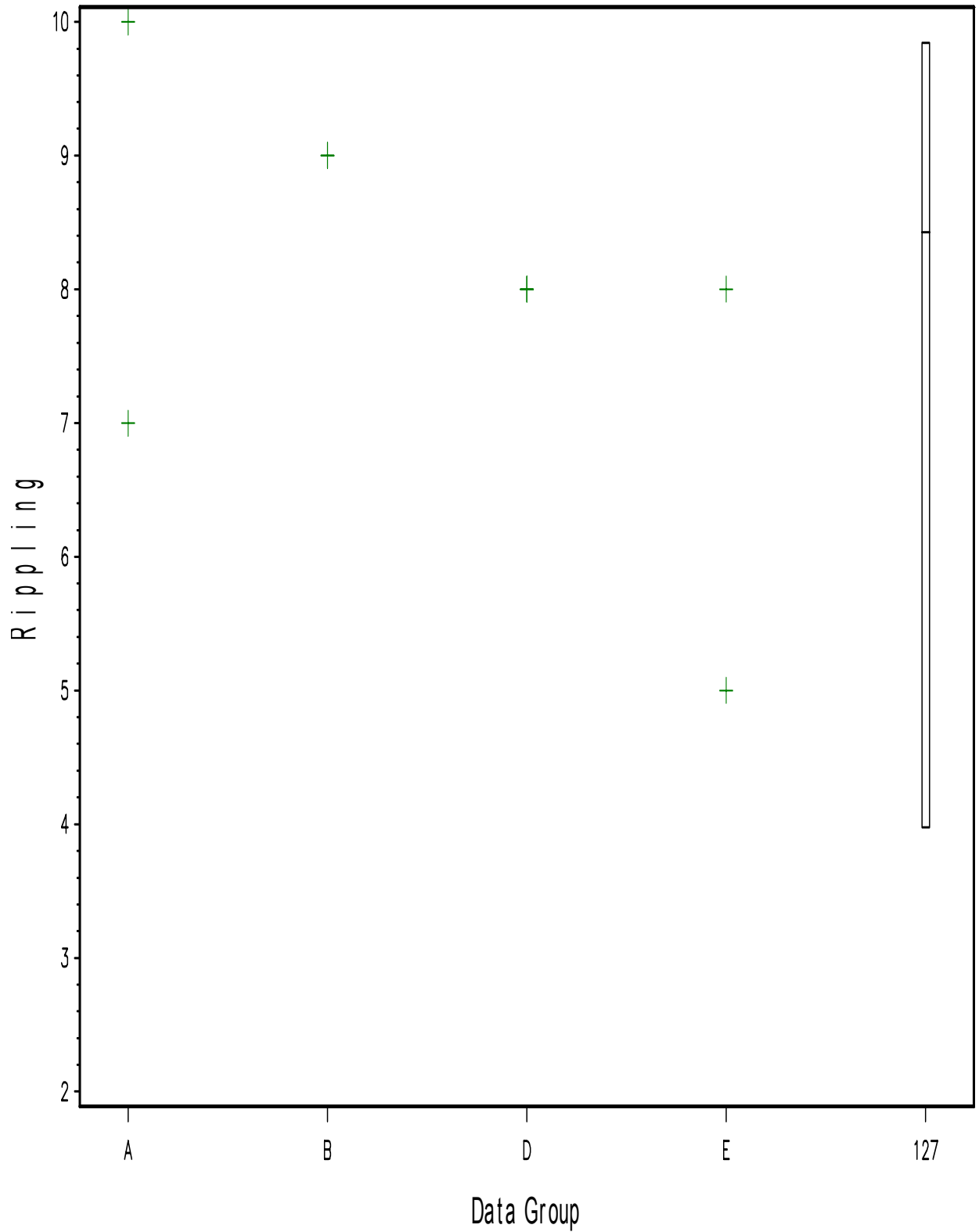
L-37 (Reference Oil 127)
Test Target Data Set and Shewart Severity Limits

Pinion Ridging (Pooled S.D.)



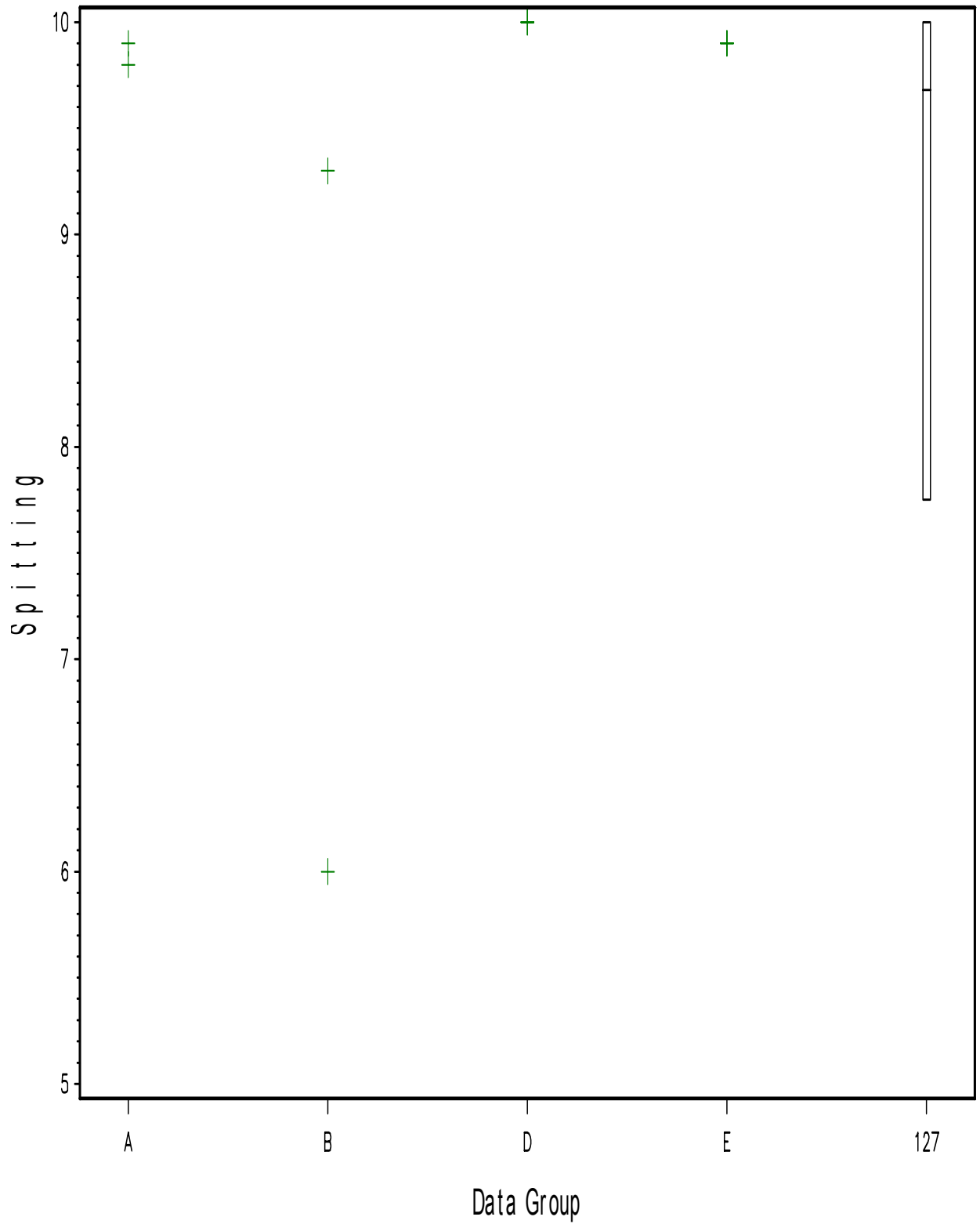
L-37 (Reference Oil 127)
Test Target Data Set and Shewart Severity Limits

Pinion Rippling (Pooled S.D.)



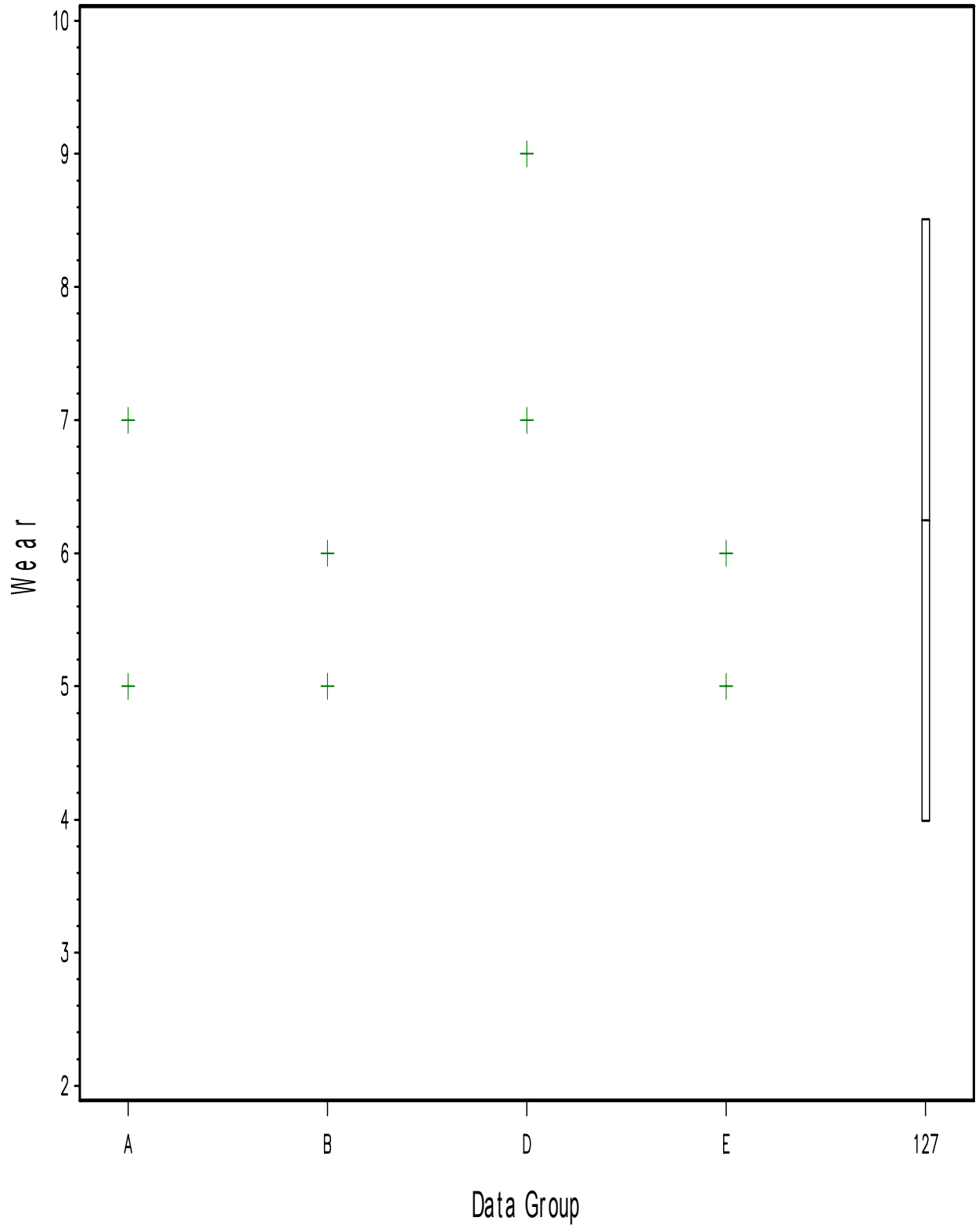
L-37 (Reference Oil 127)
Test Target Data Set and Shewart Severity Limits

Pinion Spitting (Pooled S.D.)



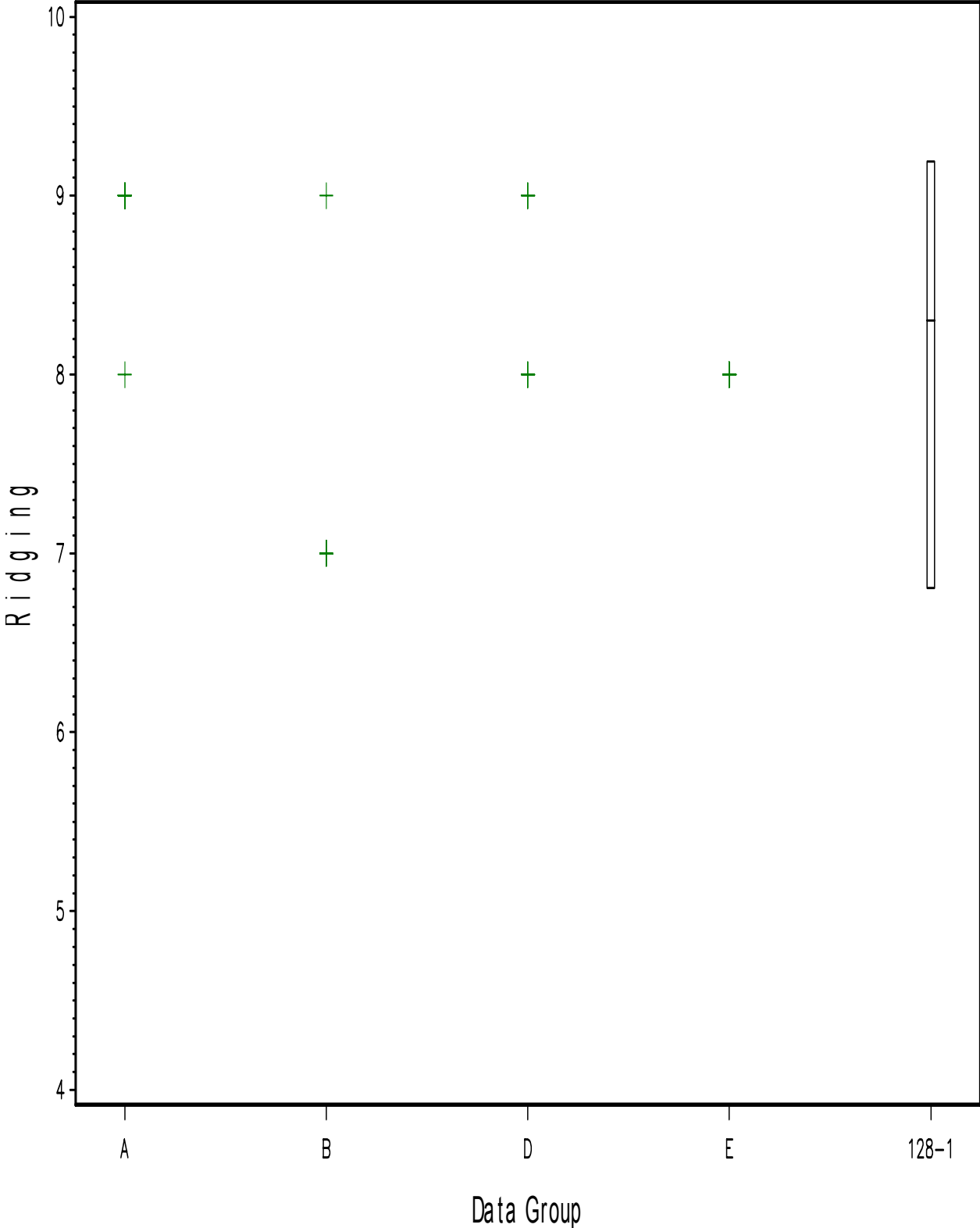
L-37 (Reference Oil 127)
Test Target Data Set and Shewart Severity Limits

Pinion Wear (Pooled S.D.)



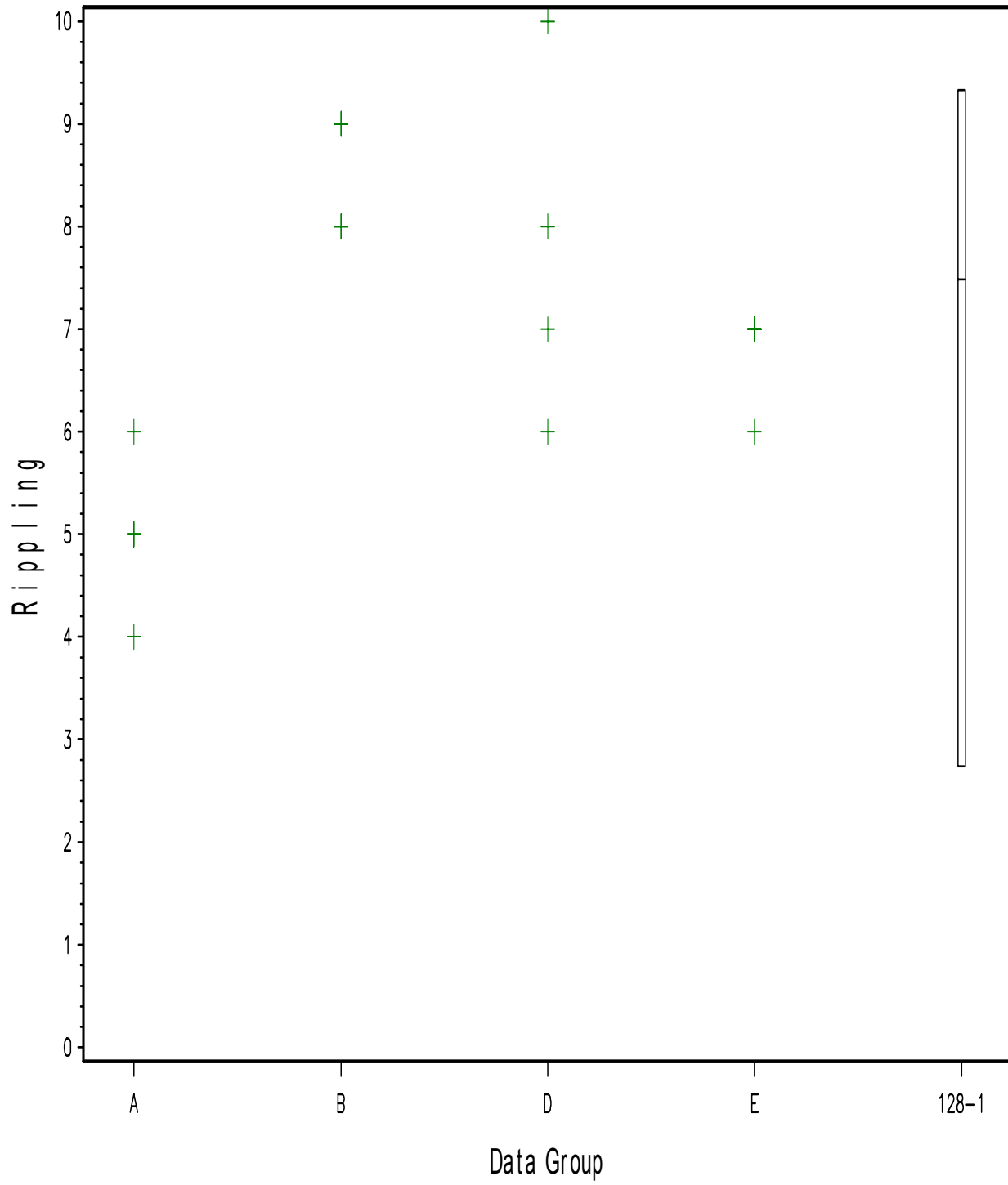
L-37 (Reference Oil 128-1)
Test Target Data Set and Shewart Severity Limits

Pinion Ridging (Pooled S.D.)



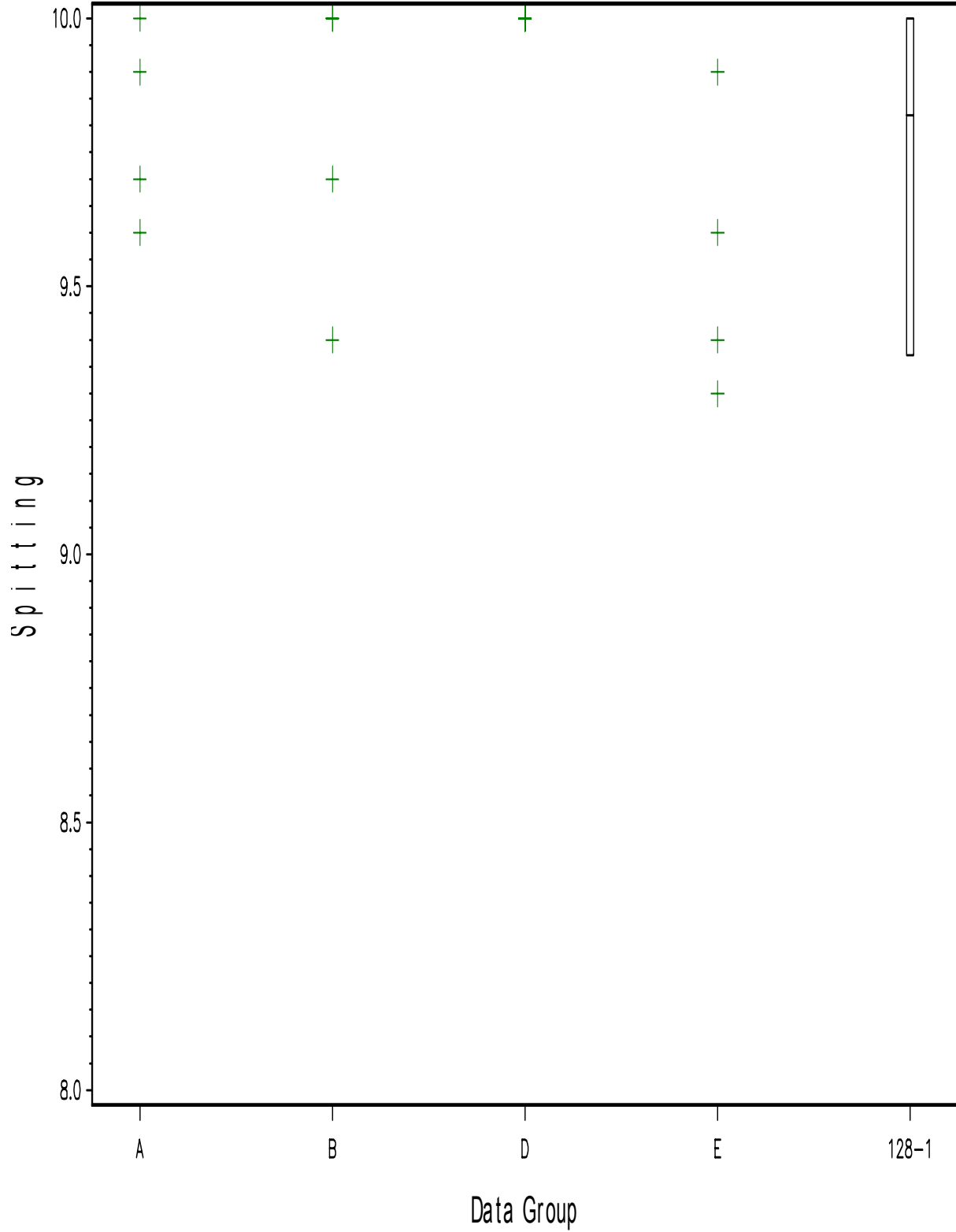
L-37 (Reference Oil 128-1)
Test Target Data Set and Shewart Severity Limits

Pinion Rippling (Pooled S.D.)



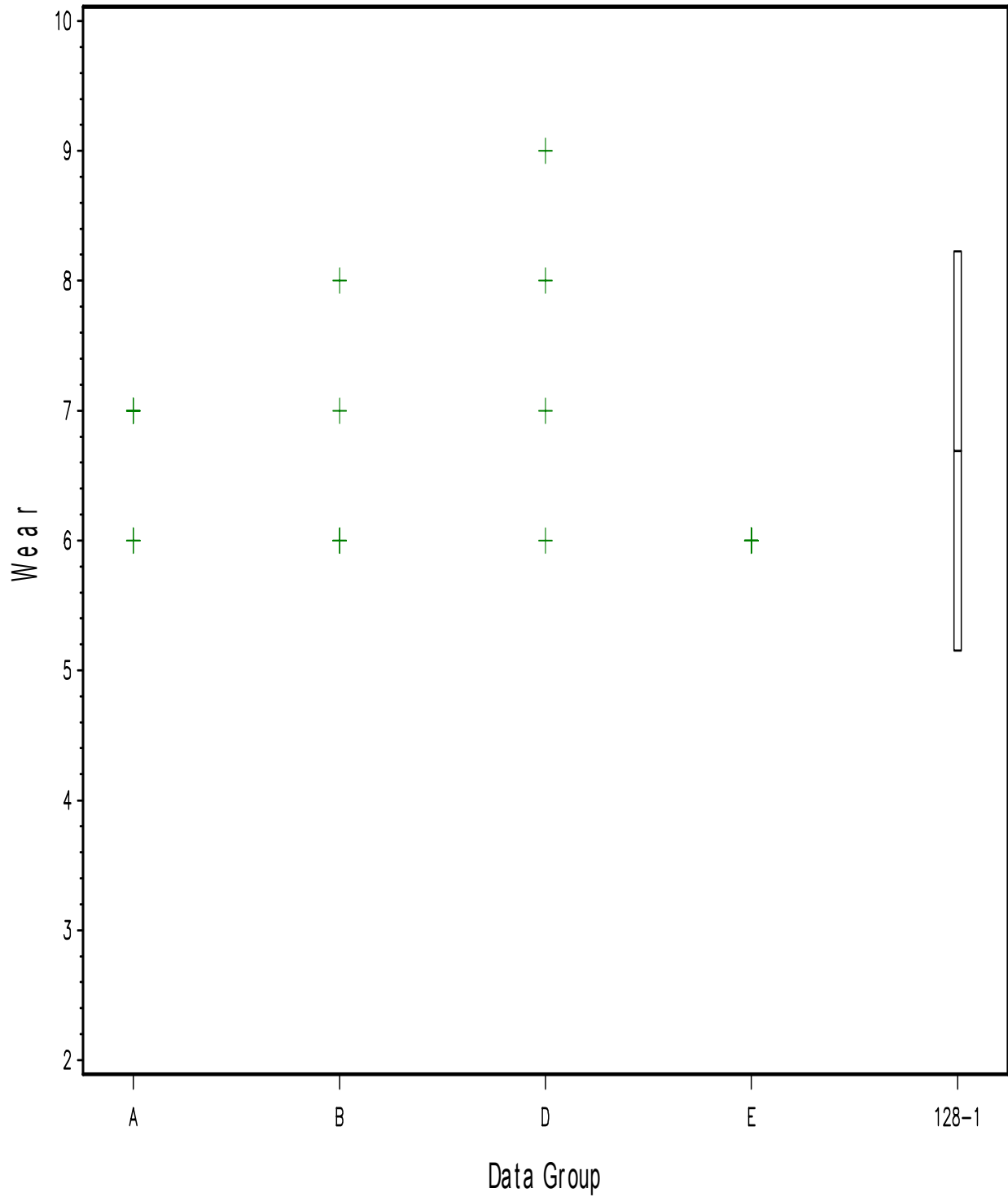
L-37 (Reference Oil 128-1)
Test Target Data Set and Shewart Severity Limits

Pinion Spitting (Pooled S.D.)



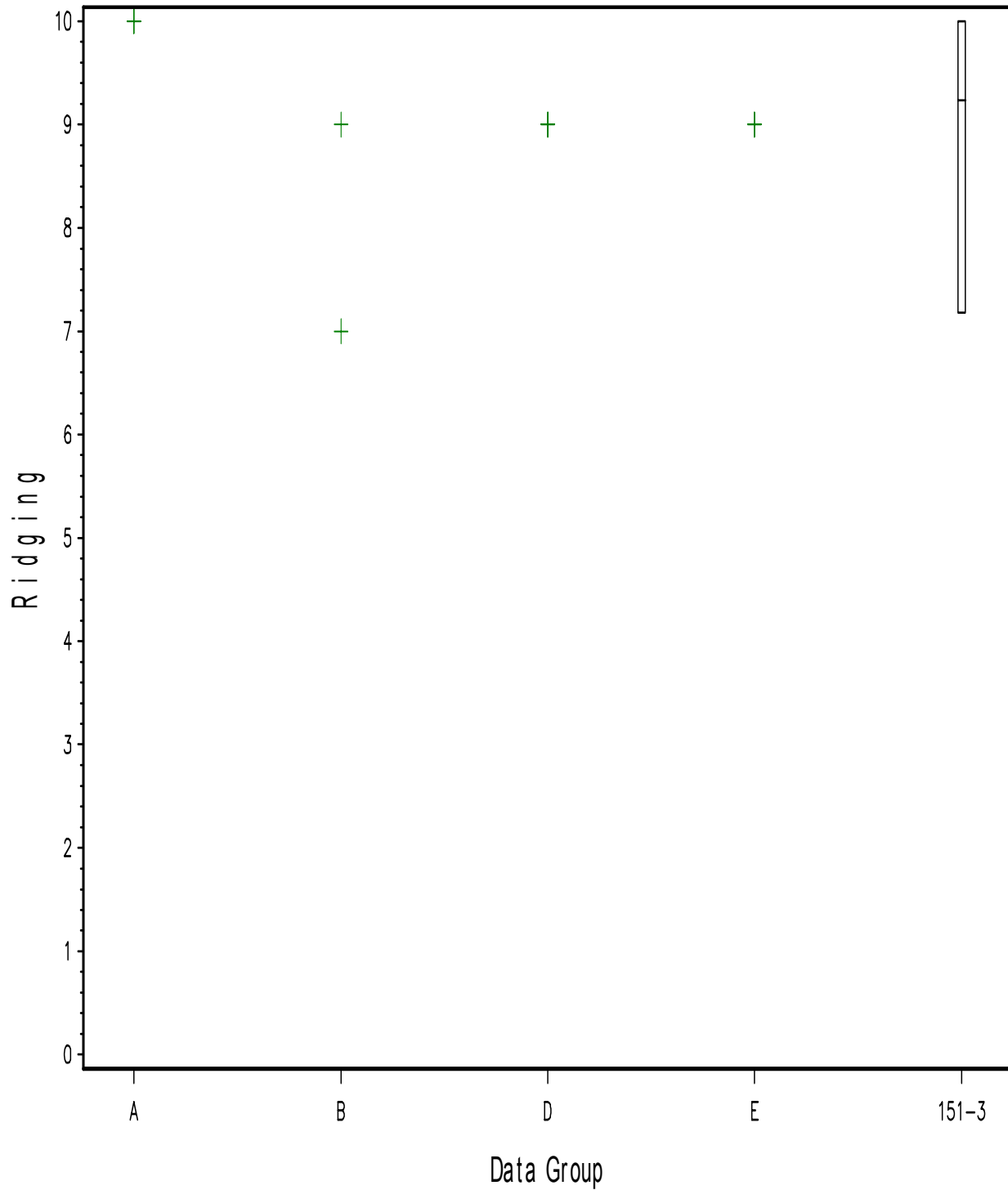
L-37 (Reference Oil 128-1)
Test Target Data Set and Shewart Severity Limits

Pinion Wear (Pooled S.D.)



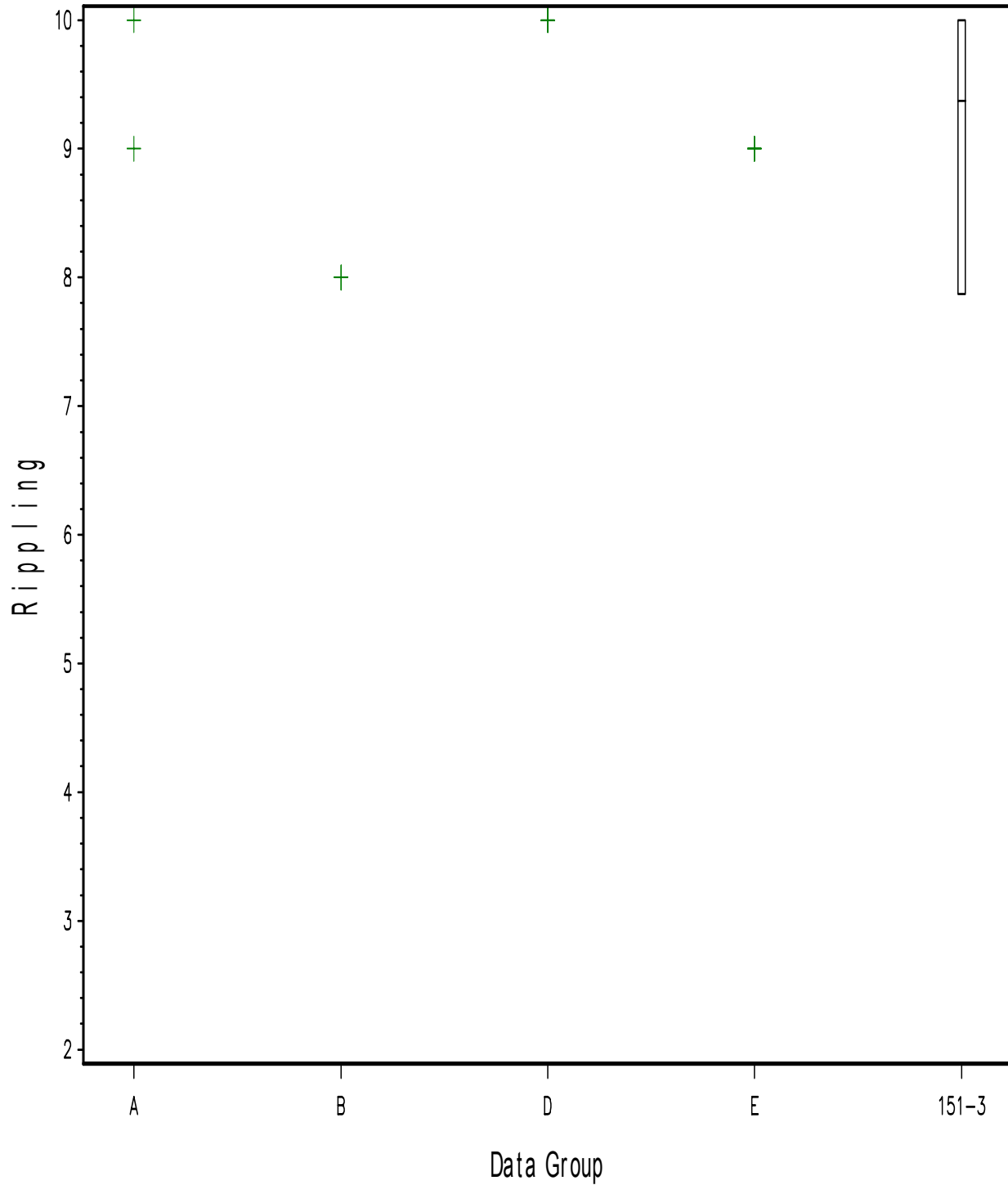
L-37 (Reference Oil 151-3)
Test Target Data Set and Shewart Severity Limits

Pinion Ridging (Pooled S.D.)



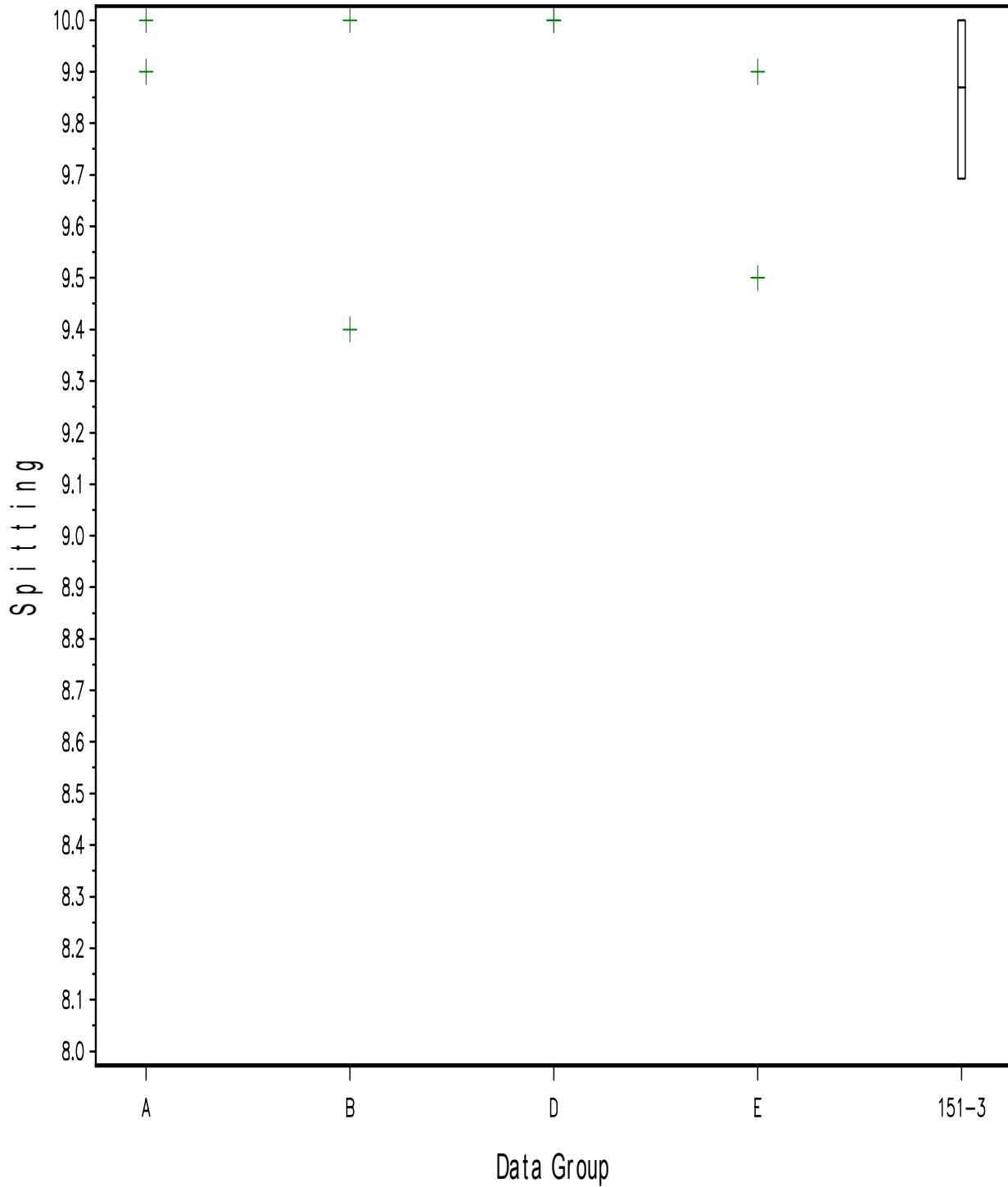
L-37 (Reference Oil 151-3)
Test Target Data Set and Shewart Severity Limits

Pinion Rippling (Pooled S.D.)



L-37 (Reference Oil 151-3)
Test Target Data Set and Shewart Severity Limits

Pinion Spitting (Pooled S.D.)



L-37 (Reference Oil 151-3)
Test Target Data Set and Shewart Severity Limits

Pinion Wear (Pooled S.D.)

