

Oil Seal Compatibility and Testing Surveillance Panel Meeting Minutes

Teleconference

5/3/2011 @ 10 am

Participants:

J. Gropp (Lz)

D. Bell (Afton)

C. Knight (TEI)

T. Marougy (Eaton)

B. Grinfield (SWRI)

J. Keiter (Lz)

SWRI and Lz conducted qualification testing on a new lot of nitrile, NI-337. TMC compiled the NI-337 data that can be found in the appendix. The NI-337 data was reviewed by the Surveillance Panel. The % elongation, % volume and shore hardness for NI-337 were well within the Shewhart acceptance bands for both labs and in both TMC references oils, 161-1 and 168.

A motion made by D. Bell and 2nd by B. Grinfield was unanimously approved (5 approvals) that fully approves NI-337 for use in ASTM D5662 testing, effective immediately.

TEI has been instructed to release NI-337 (298 slabs) for sale to tests labs as orders are received.

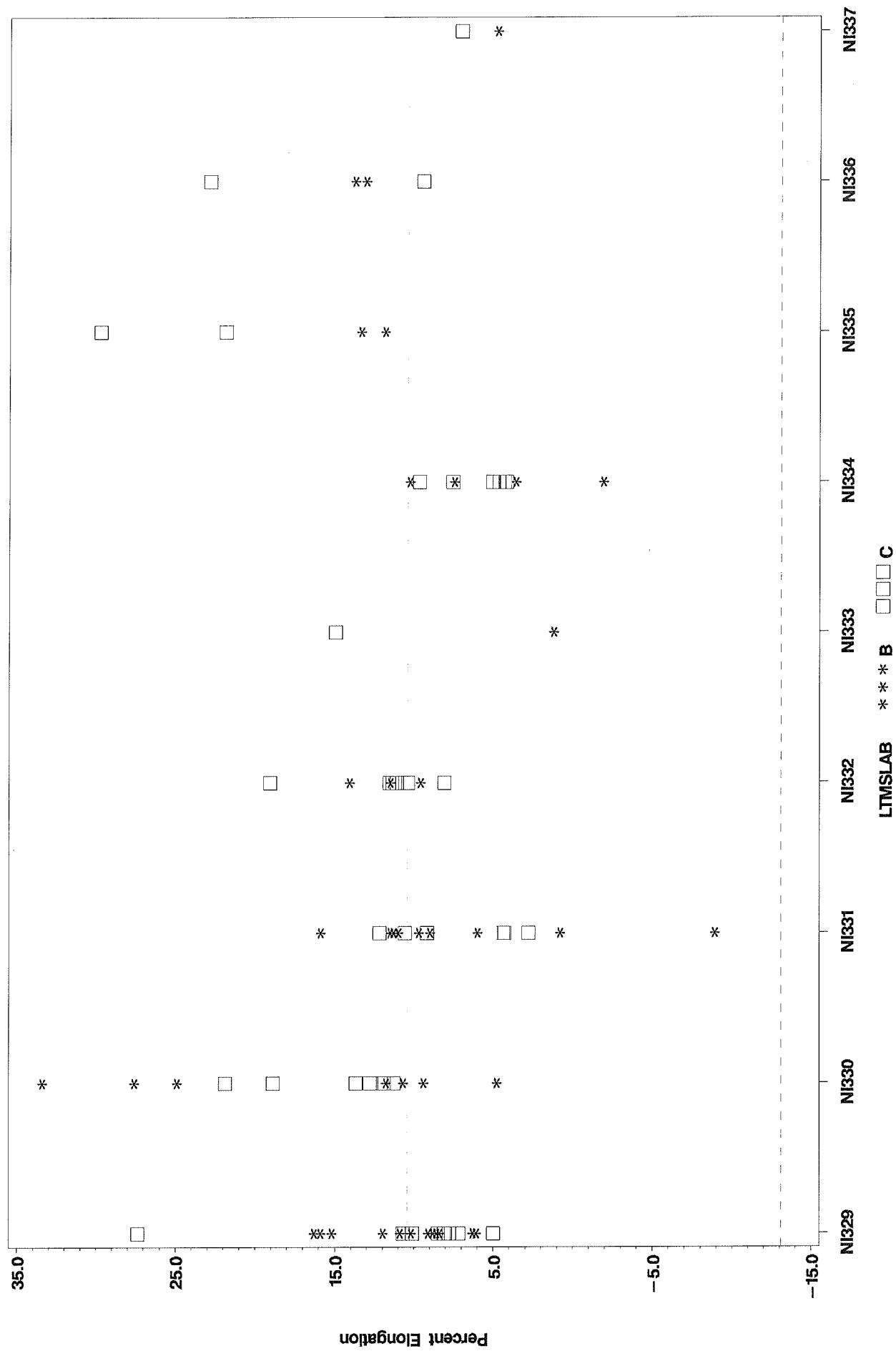
A motion to adjourn was made by D. Bell and unanimously approved at 10:10 am 5/3/2011.

Appendix

NI-337 Qualification Data from LZ and SWRI Compiled by TMC

Percent Elongation Results VS Shewhart Severity Limits

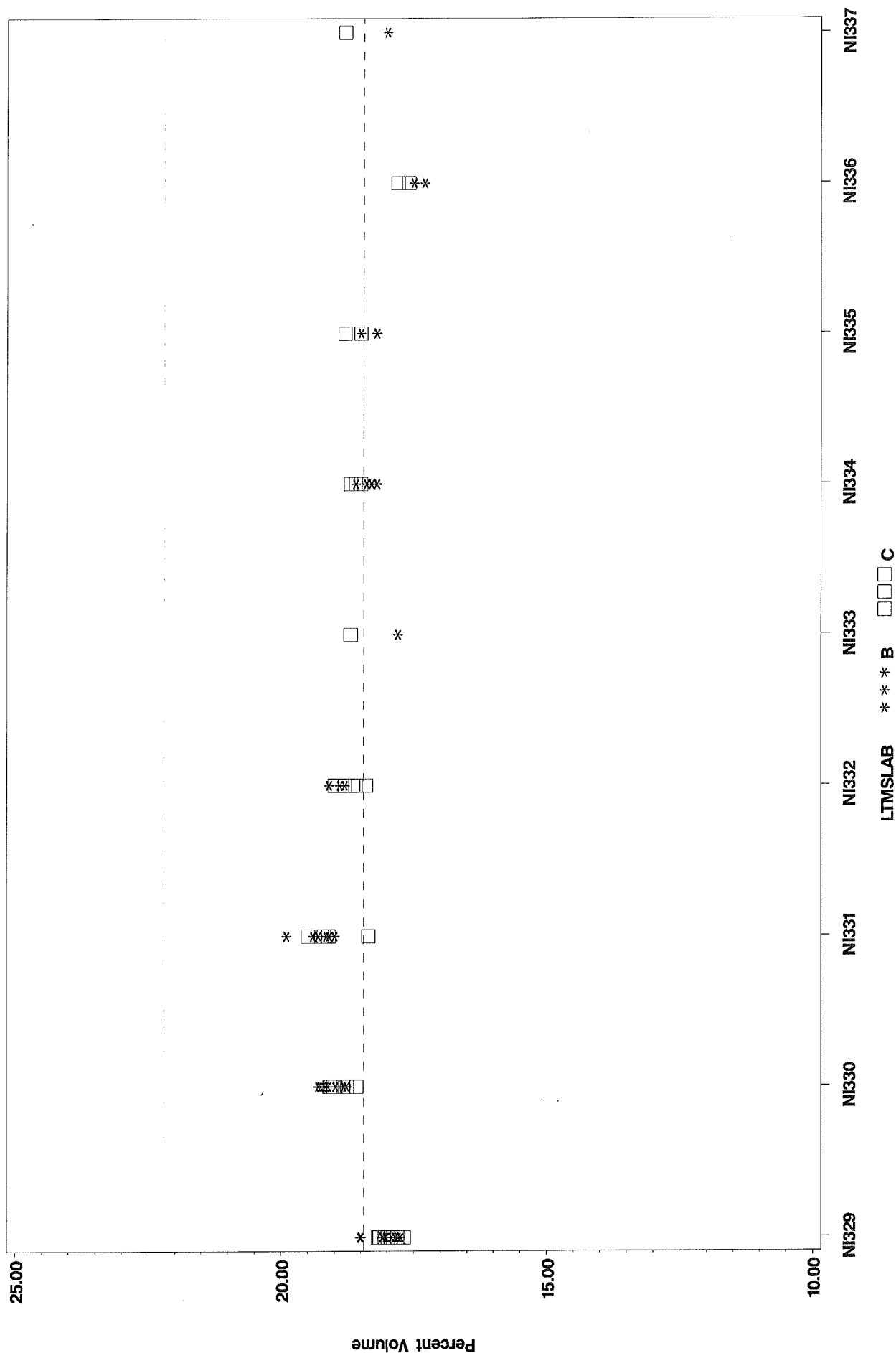
Reference Oil 161-1 (Mean = 10.43)



OSCT (NI)

Reference Oil 161-1 (Mean = 18.444)

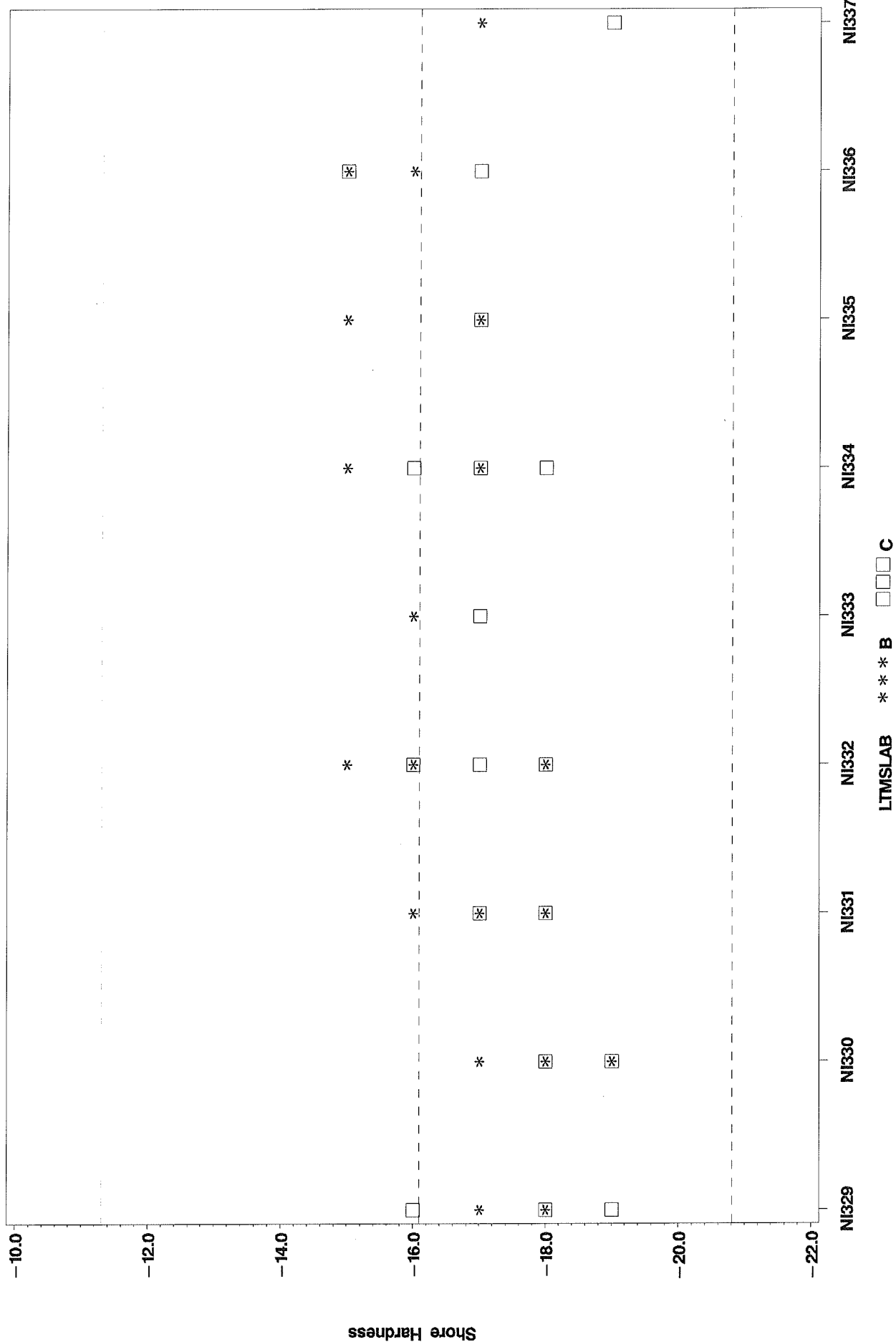
Percent Volume Results VS Shewhart Severity Limits



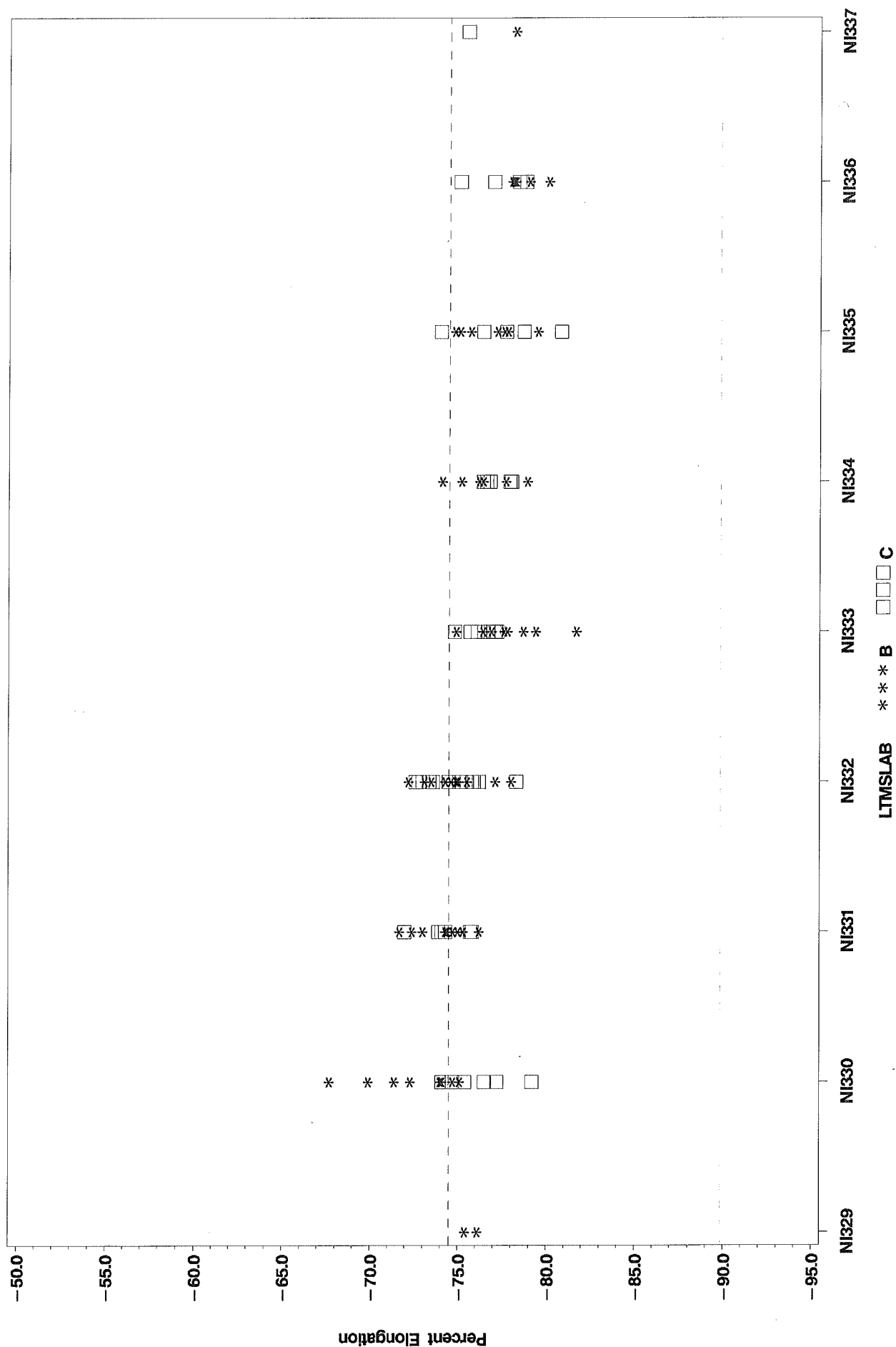
OSCT (NI)

Reference Oil 161-1 (Mean = -16.1)

Shore Hardness Results VS Shewhart Severity Limits



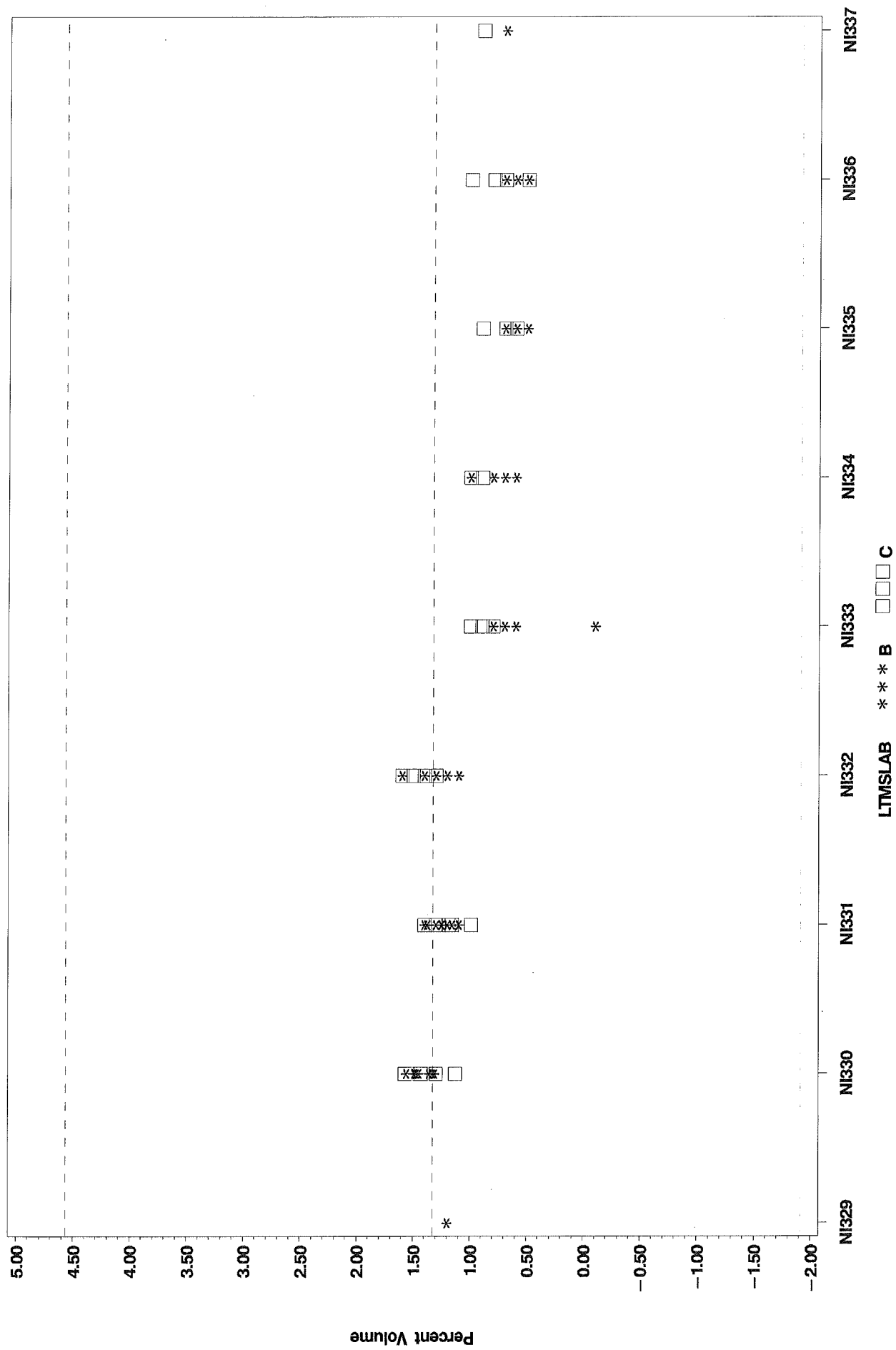
Percent Elongation Results VS Shewhart Severity Limits



OSCT (NI)

Reference Oil 168 (Mean = 1.326)

Percent Volume Results VS Shewhart Severity Limits



OSCT (NI) Reference Oil 168 (Mean = 3) Shore Hardness Results VS Shewhart Severity Limits

