

## Oil Seal Compatibility Test (OSCT) Surveillance Panel Meeting Minutes

Teleconference

5/26/2010

D. Bell

### Participants:

S. Parke (TMC)	J. Keiter (Lz)	J. Mattern (Lz)
J. Gropp (Lz)	B. McGlone (Arvin Meritor)	D. Bell (Afton)
B. Grinfield (SWRI)		

The recent qualification data conducted by Lz (12 specimens tested) and SWRI (6 specimens tested) and compiled by the Test Monitoring Center for the new batch of polyacrylate, PA342, was reviewed by the Panel. The data for PA342 in both 160-1 and 161-1 reference oils were within acceptance bands, except Lz had a %elongation value slightly outside of the acceptance band only in reference oil 161-1. The Panel deemed the results acceptable based upon previous lots of PA that were approved and used successfully for candidate testing with qualification results even farther outside of the acceptance bands than PA342.

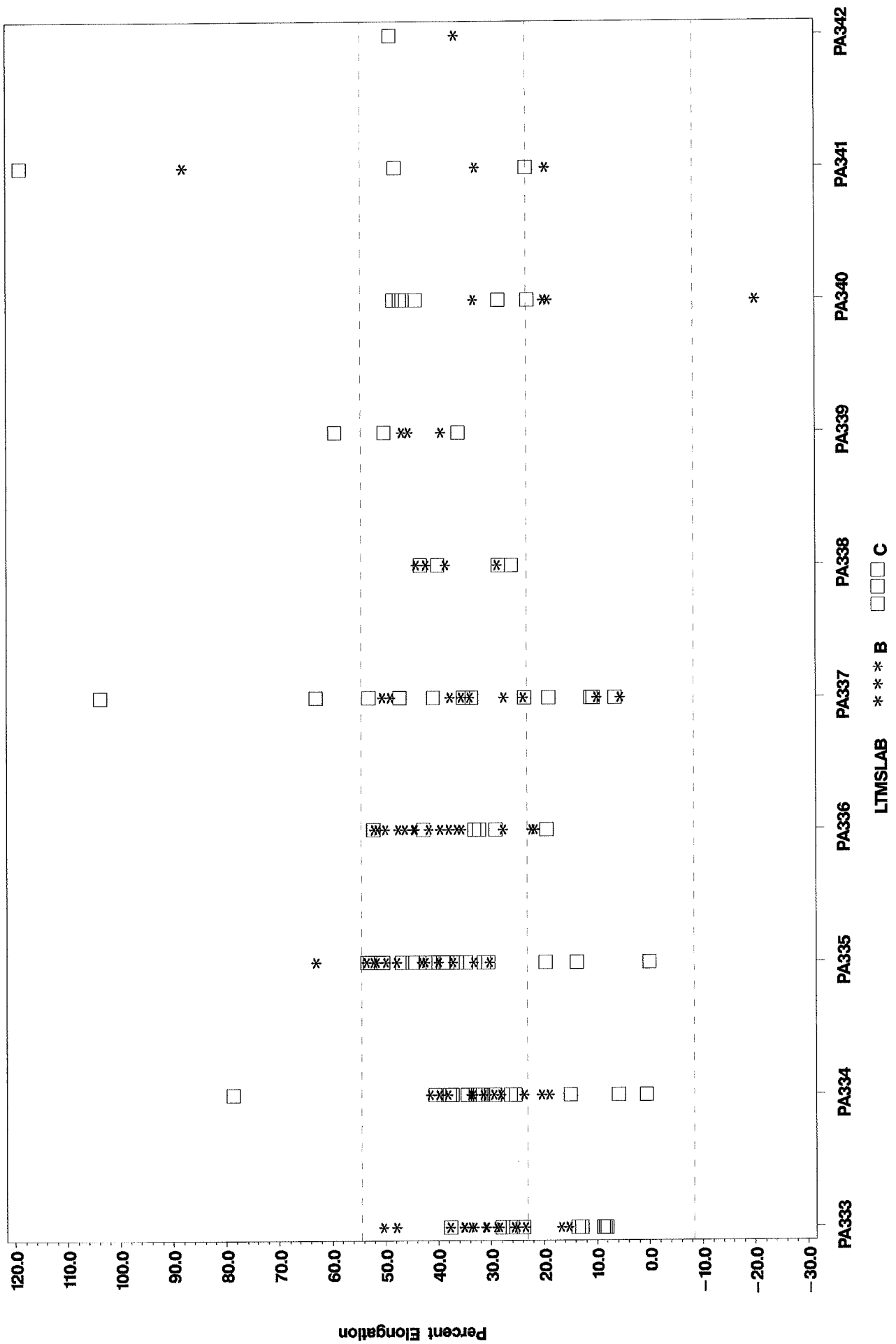
A motion made by J. Gropp and 2<sup>nd</sup> by B. Grinfield to approve PA342 effective 5/26/2010 passed unanimously with 5 approvals. Test Engineering Institute (TEI) can fill polyacrylate orders with PA342 (~200 slabs) as received.

The fluoroelastomer inventory is depleted, so TEI will be asked again to have the supplier, Freudenberg, expedite delivery of the next FL lot for qualification testing.

The current qualification testing protocol of using only 6 specimens, instead of the former 12 specimens, per elastomer will continue.

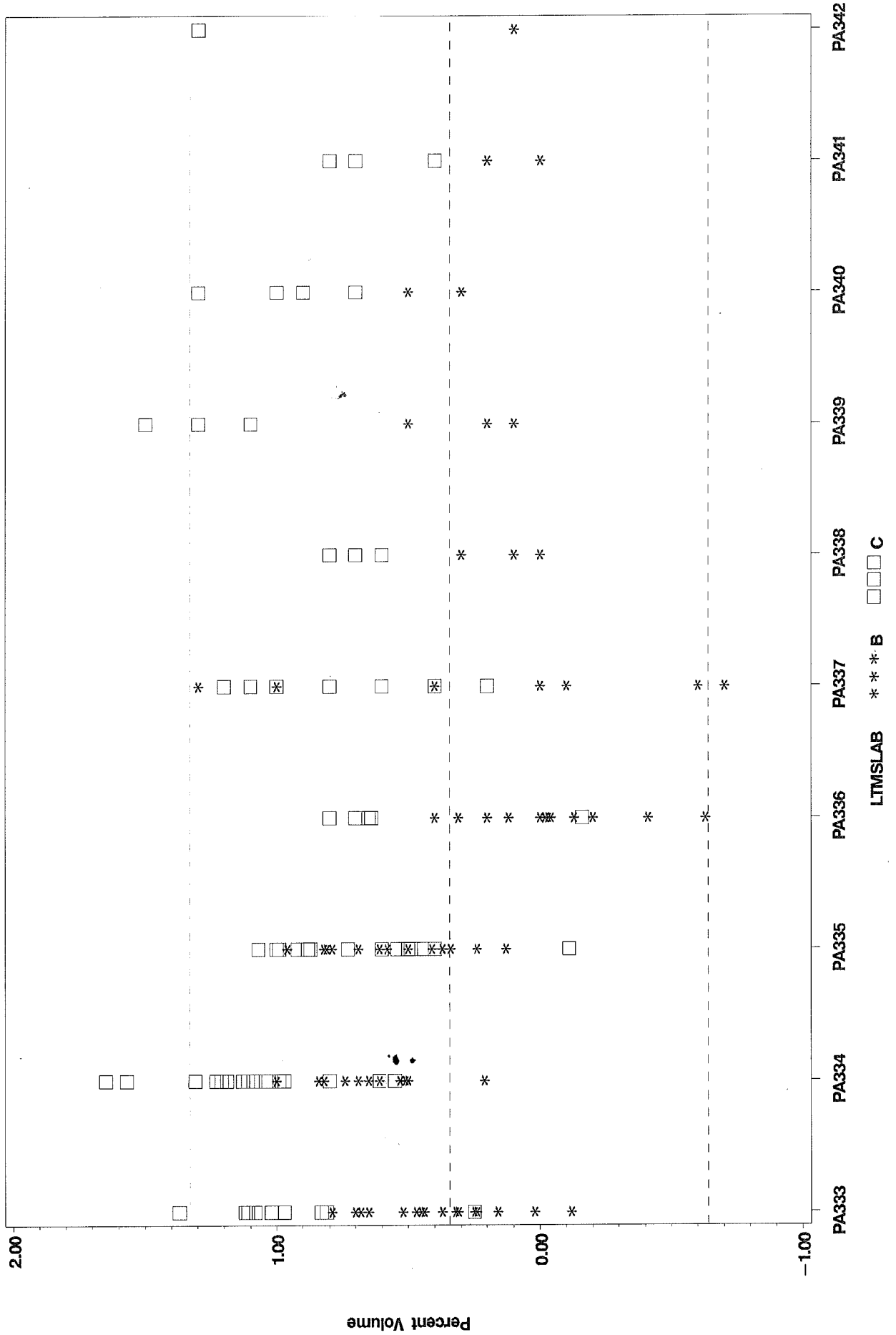
Meeting adjourned at 2:25 pm on 5/26/2010.

**OSCT (PA)**  
**Reference Oil 160-1 (Mean = 23.04)**  
**Percent Elongation Results VS Shewhart Severity Limits**



LTMSLAB    \* \* \* B    □ □ □ C

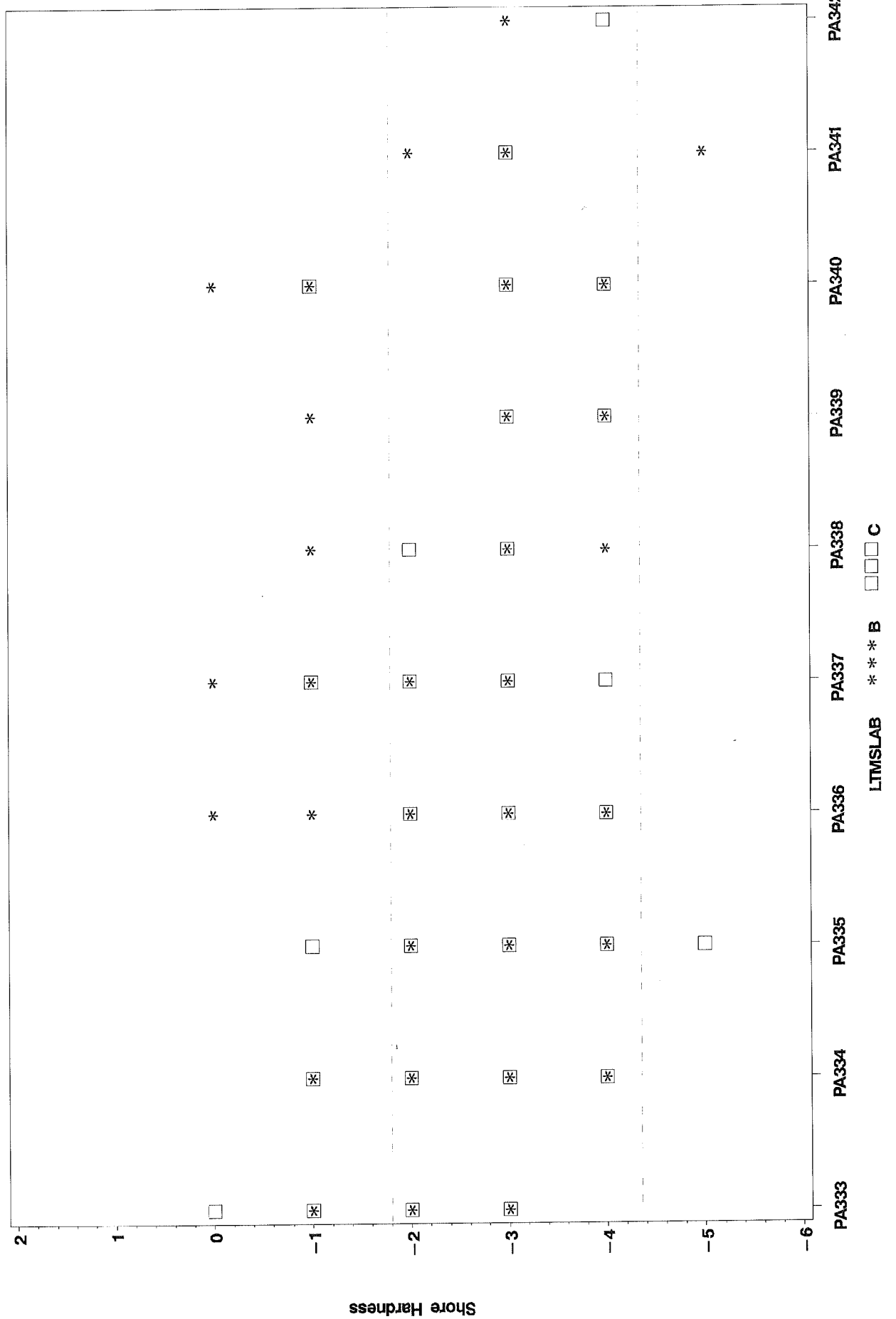
**OSCT (PA)**  
**Reference Oil 160-1 (Mean = 0.343)**  
**Percent Volume Results VS Shewhart Severity Limits**



# OSCT (PA)

Reference Oil 160-1 (Mean = -1.8)

## Shore Hardness Results VS Shewhart Severity Limits

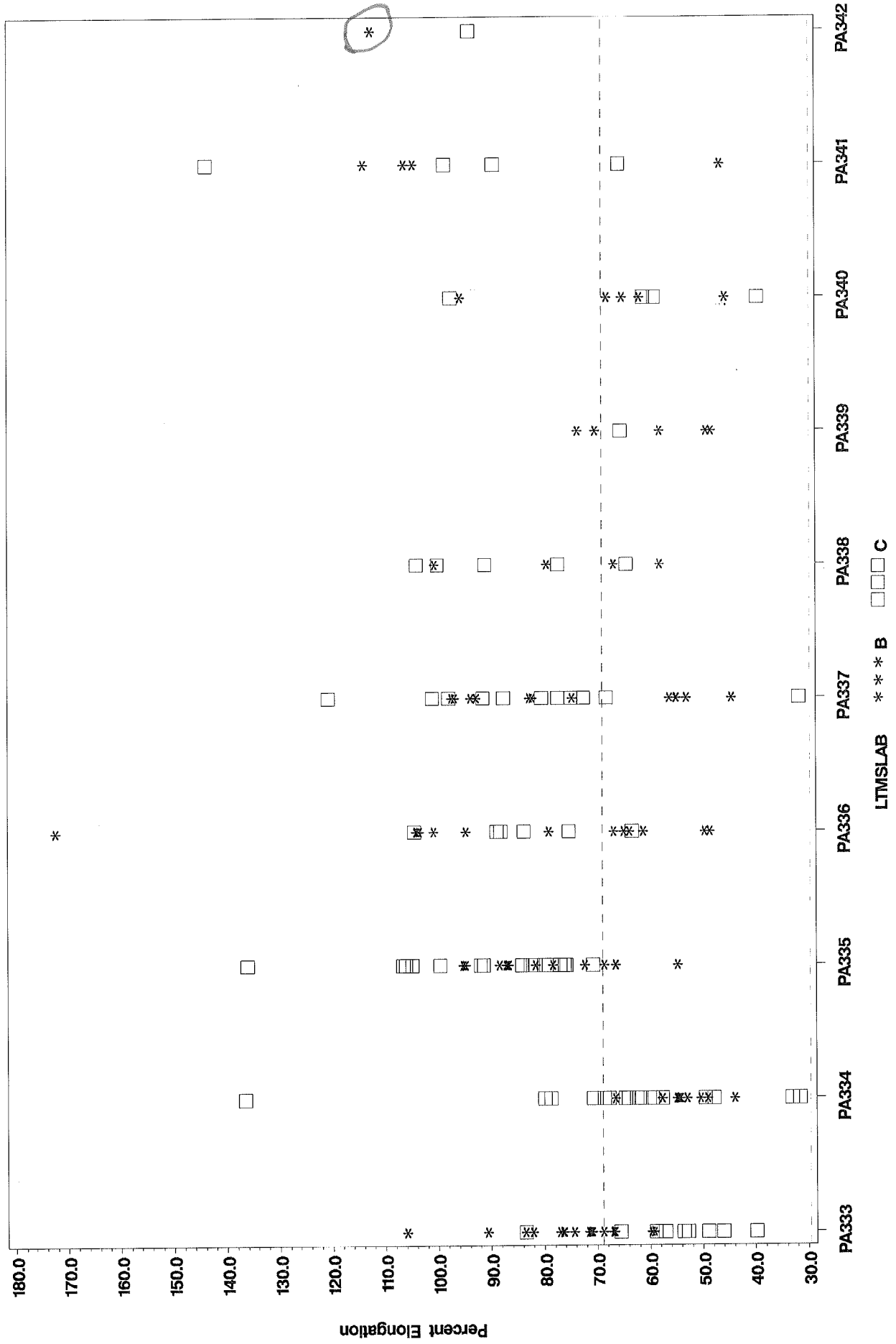


OSCT (PA)

*MSKRS*

Reference Oil 161-1 (Mean = 68.88)

Percent Elongation Results VS Shewhart Severity Limits



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OSCT (PA)

Reference Oil 161-1 (Mean = -24.9)

Shore Hardness Results VS Shewhart Severity Limits

