

# OSCT Surveillance Panel Meeting Minutes

From Teleconference Conducted on 7/7/06

Don Bell (OSCT Chairperson)

7/8/06

## Attendees:

Don Lind (TMC)	Jerry Gropp (Lz)
Diane Korpi-Misich (Lz)	Jennifer K. (Lz)
Don Bell (Afton)	Clayton Knight (TEI)
Becky Grinfield (SWRI)	Zack Bishop (TEI)

An OSCT Surveillance Panel teleconference meeting was conducted on 7/7/06 to review the data generated at Lubrizol (Lz) and Southwest Research Institute (SWRI) on nitrile seals using the new reference oil, TMC 168. TMC 168 will replace the discontinued nitrile reference oil, TMC 162. Lz had six data points and SWRI had 7 data points for nitrile seals tested in TMC 168. The three parameters measured at both test labs and compared to Shewart severity limits were shore hardness, % volume change, and % elongation (see attachment).

	<u>Lz mean</u>	<u>SWRI mean</u>	<u>Comment</u>
Shore hardness	2.2	2.7	All data within acceptance bands
% Volume change	1.44	1.41	All data within acceptance bands, except 1.13 from SWRI
% Elongation	72.3	75.9	All data within acceptance bands

D. Lind commented that the data set was an improvement over previous data sets generated and relatively compared between the test labs, so recent ASTM D5662 method changes have reduced variability between labs.

Motion by B. Grinfield and seconded by D. Lind: Effective 7/7/06, accept TMC 168 as a nitrile seal reference oil to replace the discontinued TMC 162, and accept the current acceptance bands while not locking into them until at least 30 data points are available. Motion approved (4 approved/0 abstentions/0 opposed).

As approved at the 6/22/06 OSCT Surveillance Panel meeting, only one reference oil, instead of two, will be run along side a test candidate. Therefore TMC 168 will be used as a nitrile seal reference oil for testing candidates, and then TMC 162 for the following test candidates, and then the reference oil sequence is repeated. This will allow for using less volume of a specific reference oil while gathering sufficient data in both reference fluids.

## Reference Oil 168 Targets (NITRILE)

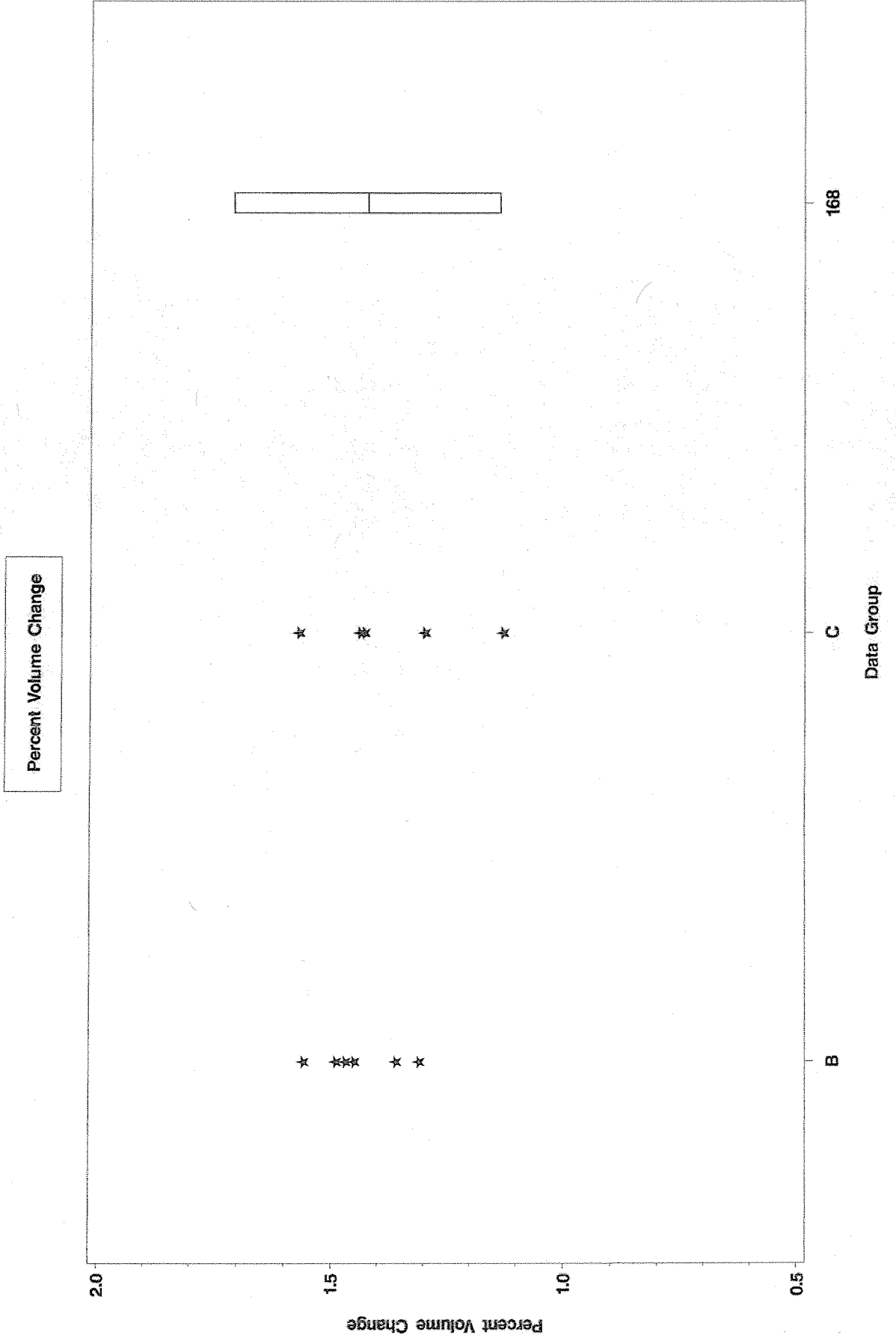
CMIR	LAB	BATH	RTDCOMP	OIL	EBC_R	PELA	SAHA	PVCA
57397	B	D	20051202	168	NI330	-74	3	1.45
57398	B	D	20060126	168	NI330	-74.7	2	1.56
57399	B	D	20060313	168	NI330	-75.1	3	1.49
57401	B	D	20060428	168	NI330	-72.3	4	1.36
58122	B	D	20060609	168	NI330	-67.7	1	1.47
58123	B	D	20060619	168	NI330	-69.9	0	1.31
57391	C	2	20051209	168	NI330	-76.5	4	1.43
57392	C	2	20051223	168	NI330	-79.2	6	1.13
57393	C	2	20060119	168	NI330	-77.2	5	1.3
57394	C	2	20060130	168	NI330	-75.4	2	1.57
57395	C	2	20060310	168	NI330	-74.1	4	1.57
57396	C	2	20060331	168	NI330	-74.1	2	1.43
58097	C	2	20060417	168	NI330	-74.7	3	1.44



OSCT (NI)

Reference Oil 168

Updated Test Target Data Set and Shewhart Severity Limits

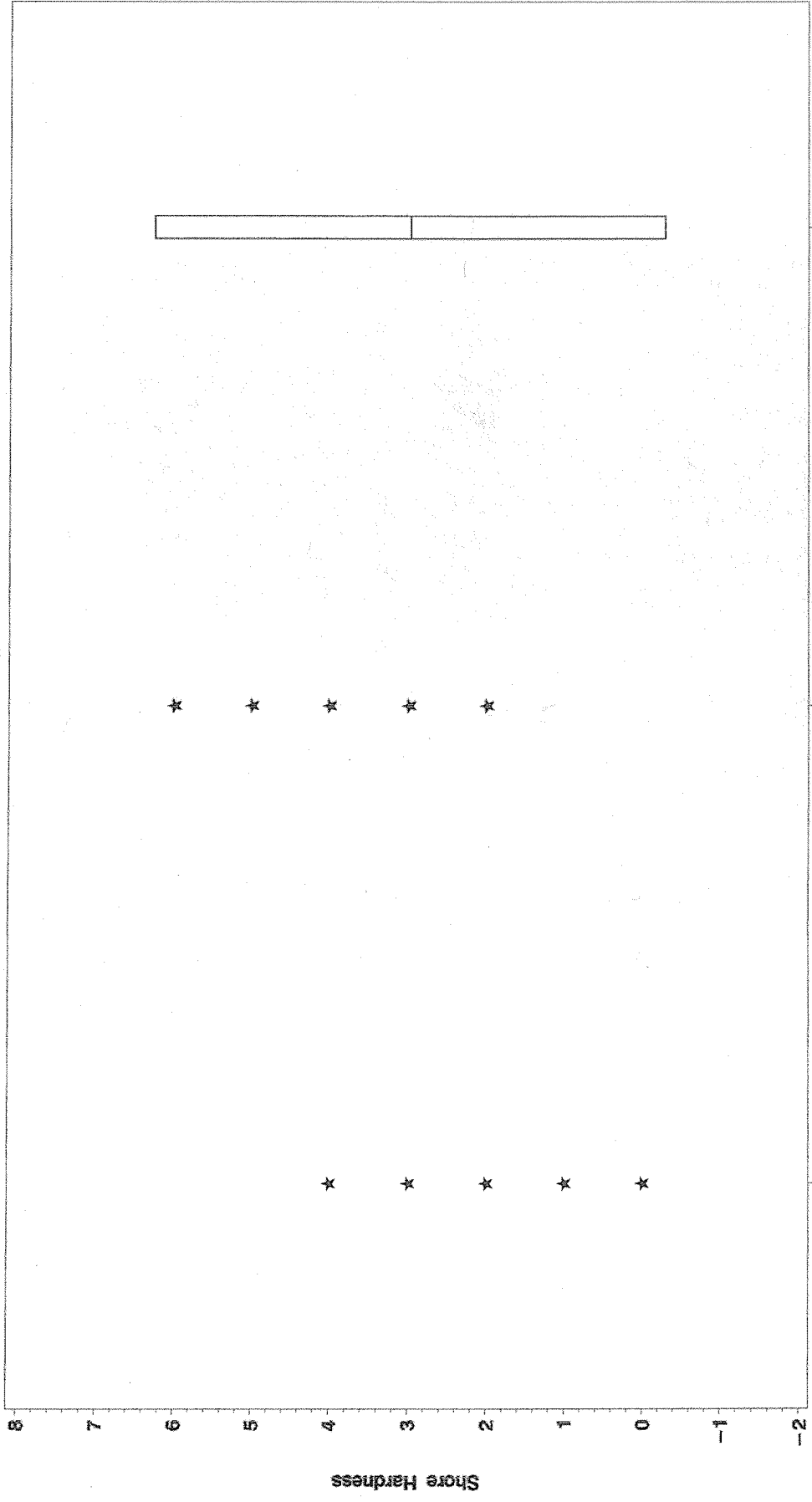


# OSCT (NI)

Reference Oil 168

## Updated Test Target Data Set and Shewhart Severity Limits

Shore Hardness



168

C

B

Data Group