

 **Test Monitoring Center**  
6555 Penn Avenue  
Pittsburgh, PA 15206-4489

MEMORANDUM: 02-002

DATE: January 16, 2002

TO: Gordon R. Farnsworth, Chairman, Sequence VIA/VIB Reference Oil and Fuel Subpanel

FROM: Richard Grundza

SUBJECT: Sequence VIB Reference Oil Tests Statistics, Reference Oil 538

The following are the statistics for Sequence VIB reference oil 538, based on 7 test results. These targets are effective for reference oil tests completing on or after January 17, 2002.

Parameter	Mean	Standard Deviation
FEI1	2.07	0.22
FEI2	1.60	0.21

Figures 1 and 2 plot the results by laboratory and the Shewhart acceptance ranges for FEI1 and FEI2, respectively. Figure 3 summarizes the results used in the target calculation.

Attachments

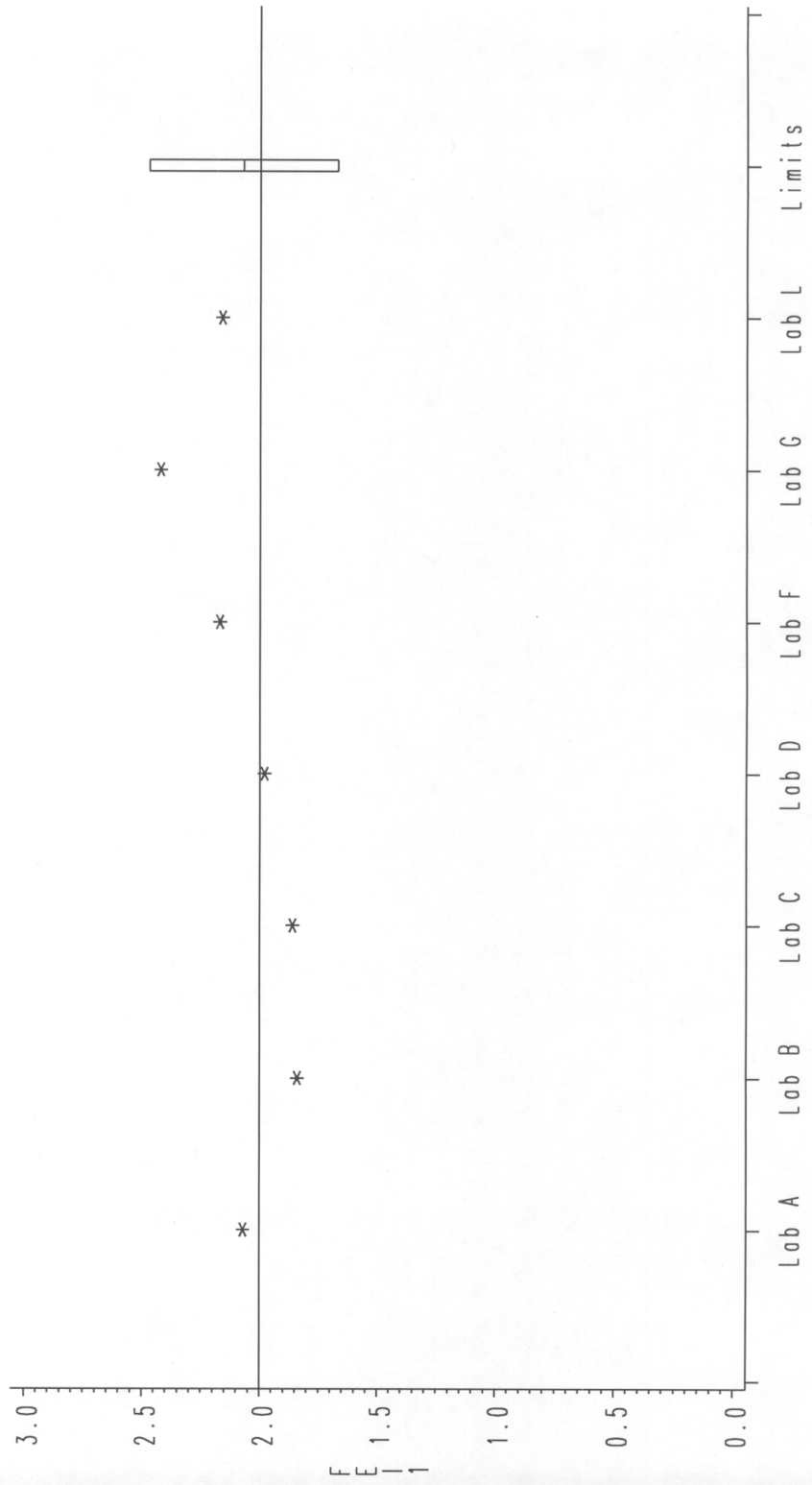
REG/reg

c: Sequence VIB Surveillance Panel  
Sequence VIB Test Engineers  
John Zalar, TMC  
Frank Farber, TMC  
<ftp://tmc.astm.cmri.cmu.edu/docs/sequencevib/memos/mem02-002.pdf>

distribution: email

FIGURE 1

SEQUENCE VIB  
TARGET DATA SET AND SHEWHART LIMITS  
FUEL ECONOMY INDEX, PHASE I, OIL 538

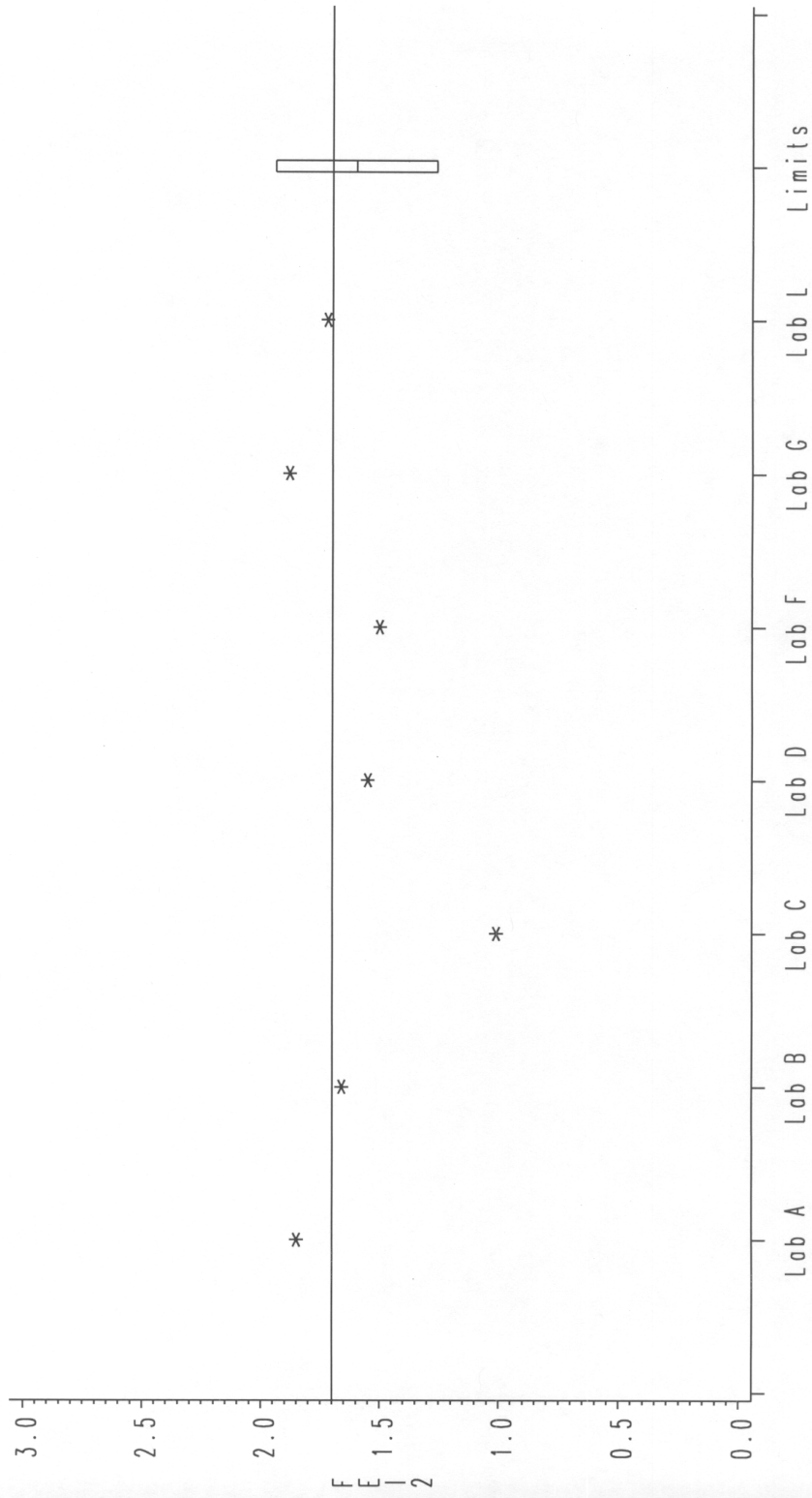


Data Set

REFERENCE LINE IS THE GF-3 PASS LIMIT

FIGURE 2

SEQUENCE VIB  
TARGET DATA SET AND SHEWHART LIMITS  
FUEL ECONOMY INDEX PHASE II, OIL 538



Data Set

REFERENCE LINE IS THE GF-3 PASS LIMIT

