



# Test Monitoring Center

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

MEMORANDUM: 01-133  
DATE: October 18, 2001  
TO: M11 Surveillance Panel  
FROM: Jeff Clark  
SUBJECT: M11 Reference Test Targets

As approved by the Surveillance Panel, the thirty test M11 reference test targets for TMC oil 1005-1, which went into effect on August 11, 2001, are shown below. Please note, this memo supercedes Memo 01-104, which had an implementation date of August 15, 2001.

Attached are plots showing the data by lab, as well as the new and old targets. Please note that the standard deviations shown should be used for calculating laboratory severity adjustments. Please contact me if you have any questions.

### M11 Test Targets, TMC Oil 1005-1, 30 Tests

Parameter	Mean	Std. Dev.
Crosshead Weight Loss (mg)	4.5300	1.3190
Filter Plugging Delta P (kPa)*	4.8061	0.2935
Average Sludge Rating (Merits)	8.4000	0.2250

\*Transformed units.

Attachments

JAC/jac/mem01-133.jac.doc

c: FMF

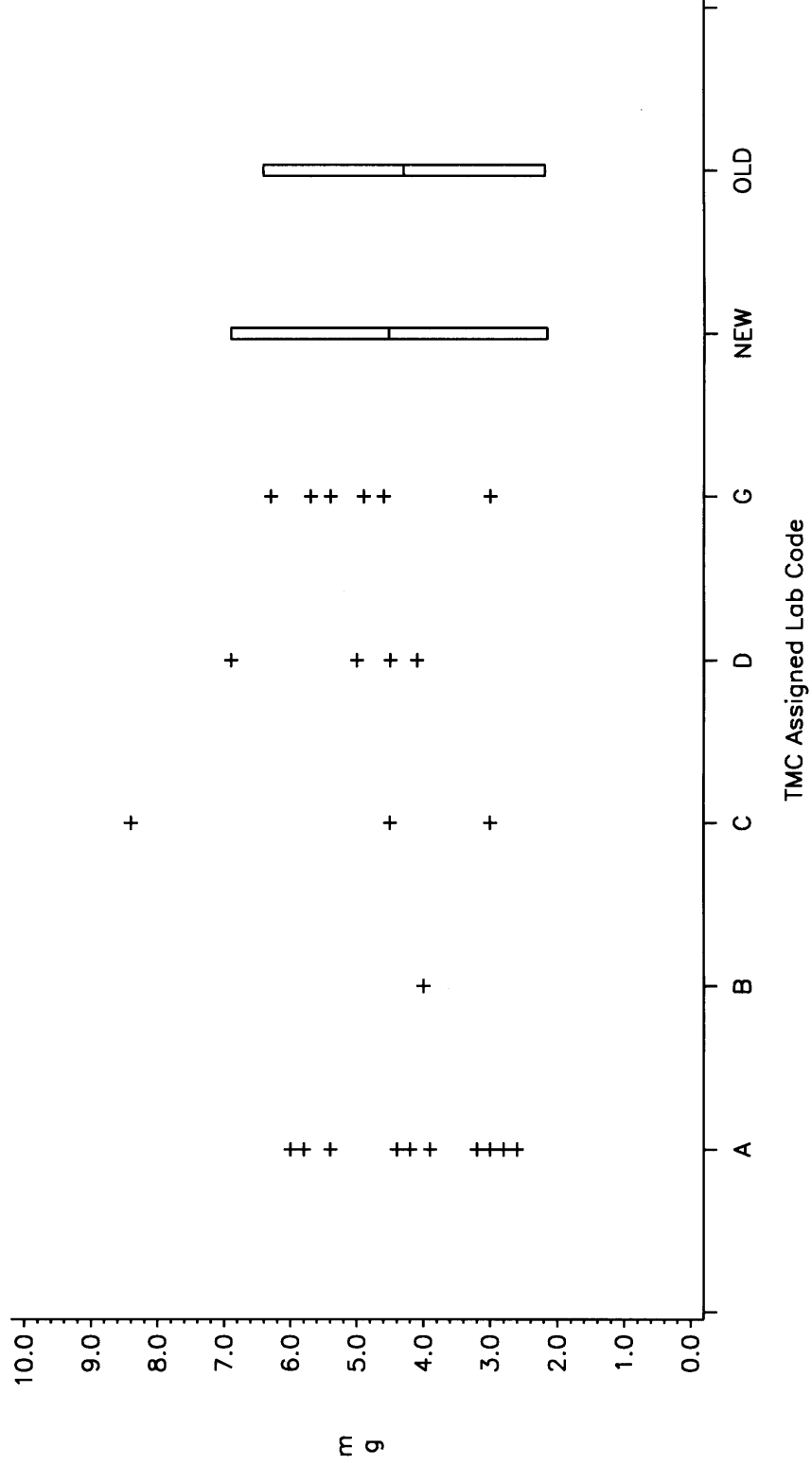
JLZ

<ftp://tmc.astm.cmri.cmu.edu/docs/diesel/m11/memos/mem01-133.pdf>

# M11 Reference Oil 1005-1

## Test Target Data Set and Shewhart Bands

Crosshead Weight Loss



# M11 Reference Oil 1005-1

## Test Target Data Set and Shewhart Bands

Filter Plugging Delta P

