



Test Monitoring Center

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MEMORANDUM: 01-178

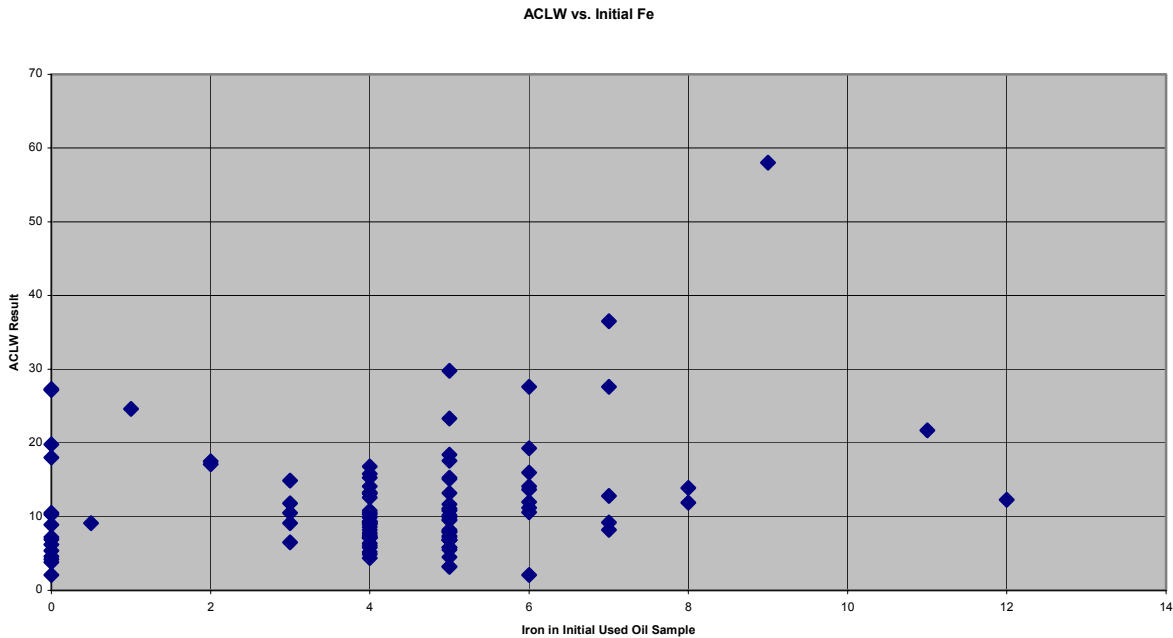
DATE: November 29, 2001

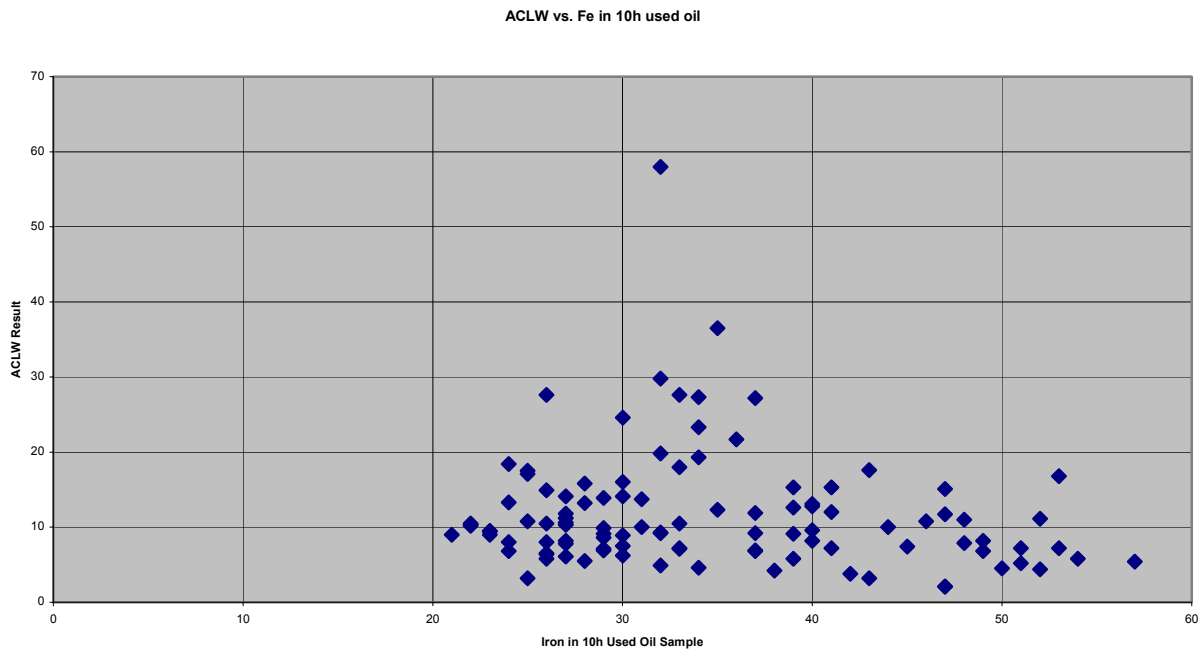
TO: Sequence IIF Surveillance Panel

FROM: Michael T. Kasimirsky *Michael T. Kasimirsky*

SUBJECT: Sequence IIF Wear vs. Used Oil Iron Content

At the November 15, 2001, meeting of the Sequence IIF Surveillance Panel, the panel tasked the TMC with investigating the possible relationship between ACLW results and iron content of the initial and 10-h used oil samples to determine if the used oil analysis results could be used to predict ACLW results in the Sequence IIF test. The LTMS data was analyzed and the ACLW results were plotted against the iron content of the initial and 10-h used oil samples. The results are shown in the following plots:





As you can see from the above plots, the reference oil data does not show a strong correlation between ACLW and the used oil analysis results from either the initial or 10-h oil sample.

MTK/mtk

c: <ftp://www.tmc.astm.cmri.cmu.edu/docs/gas/sequenceiii/memos/mem01-178.pdf>