



Test Monitoring Center


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MEMORANDUM: 10-016

DATE: May 4, 2010

TO: Ed Callis, Chairman, ASTM Section D02.B0.06

FROM: Richard E. Grundza 

SUBJECT: Two-Stroke Cycle Reference Test Status from October 1, 2009 through March 31, 2010

Status

RING STICKING (D 4857)

No reference oil results were reported during the period ending March 31, 2010.

LUBRICITY TEST (D 4863)

A total of three reference oil tests were reported to the Test Monitoring Center during the period ending March 31, 2010. Figure 1 plots the summation delta/s from target for the delta torque drops for the performance of reference oil 604-1 versus reference oil 600. Figure 2 plots the summation delta/s from target for the delta torque drops for the performance of reference oil 602 versus reference oil 600. Both Figures 1 and 2 are not exhibiting any significant trends for the period.

PREIGNITION TEST (D 4858)

No reference oil results were reported during the period ending March 31, 2010.

Summary

No results were reported for Test Method D 4857 (Second Ring Sticking) or Test Method D4858 (Preignition). Tightening test (D4863) did not exhibit any significant trends for the period and is performing well within historical levels.

REG/reg

Attachments

c: F. M. Farber, TMC

J. A. Clark, TMC

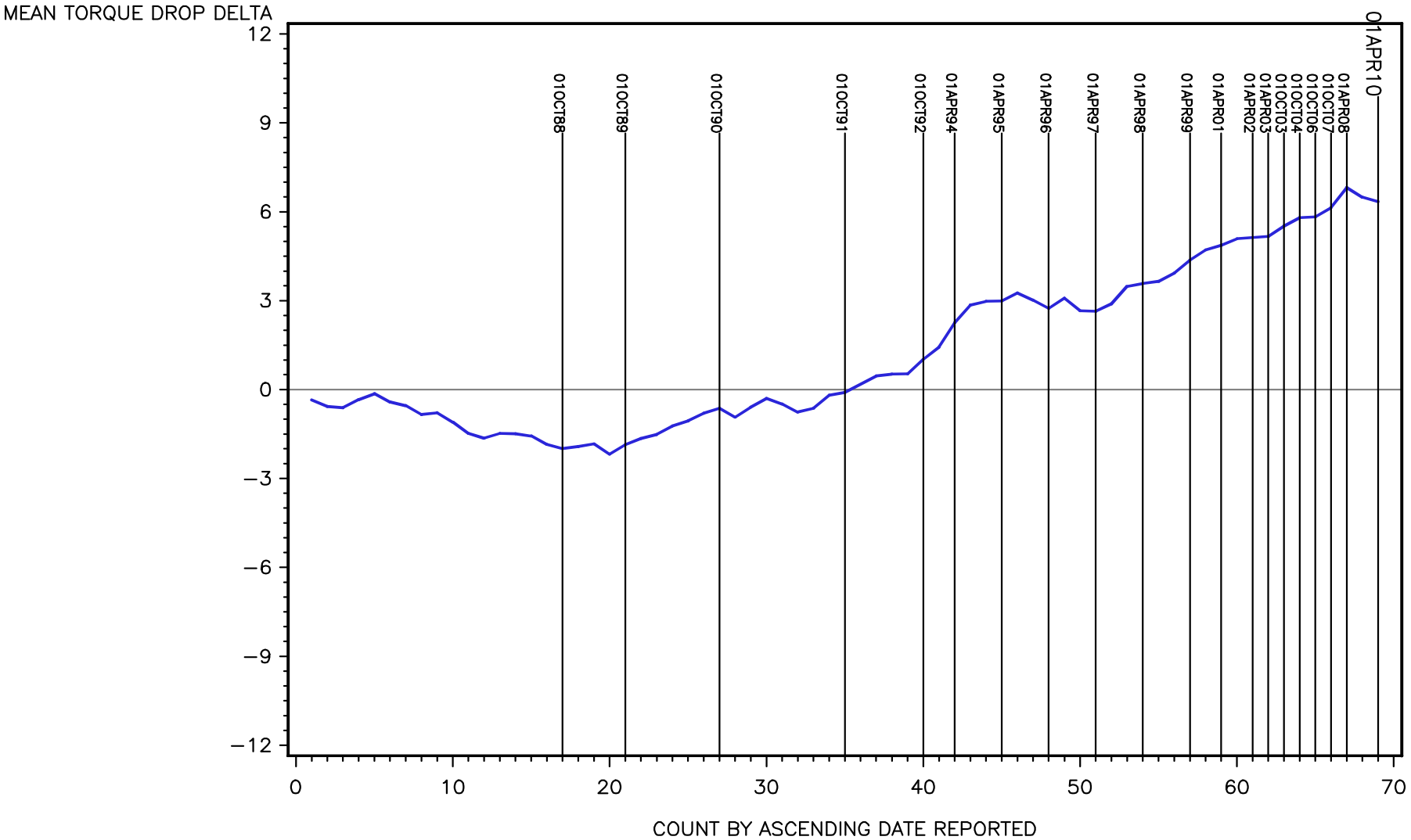
Two-Stroke Cycle Mailing List

<ftp://ftp.astmtmc.cmu.edu/docs/gas/tc/semiannualreports/tc-04-2010.pdf>

Distribution: Email

FIGURE 1

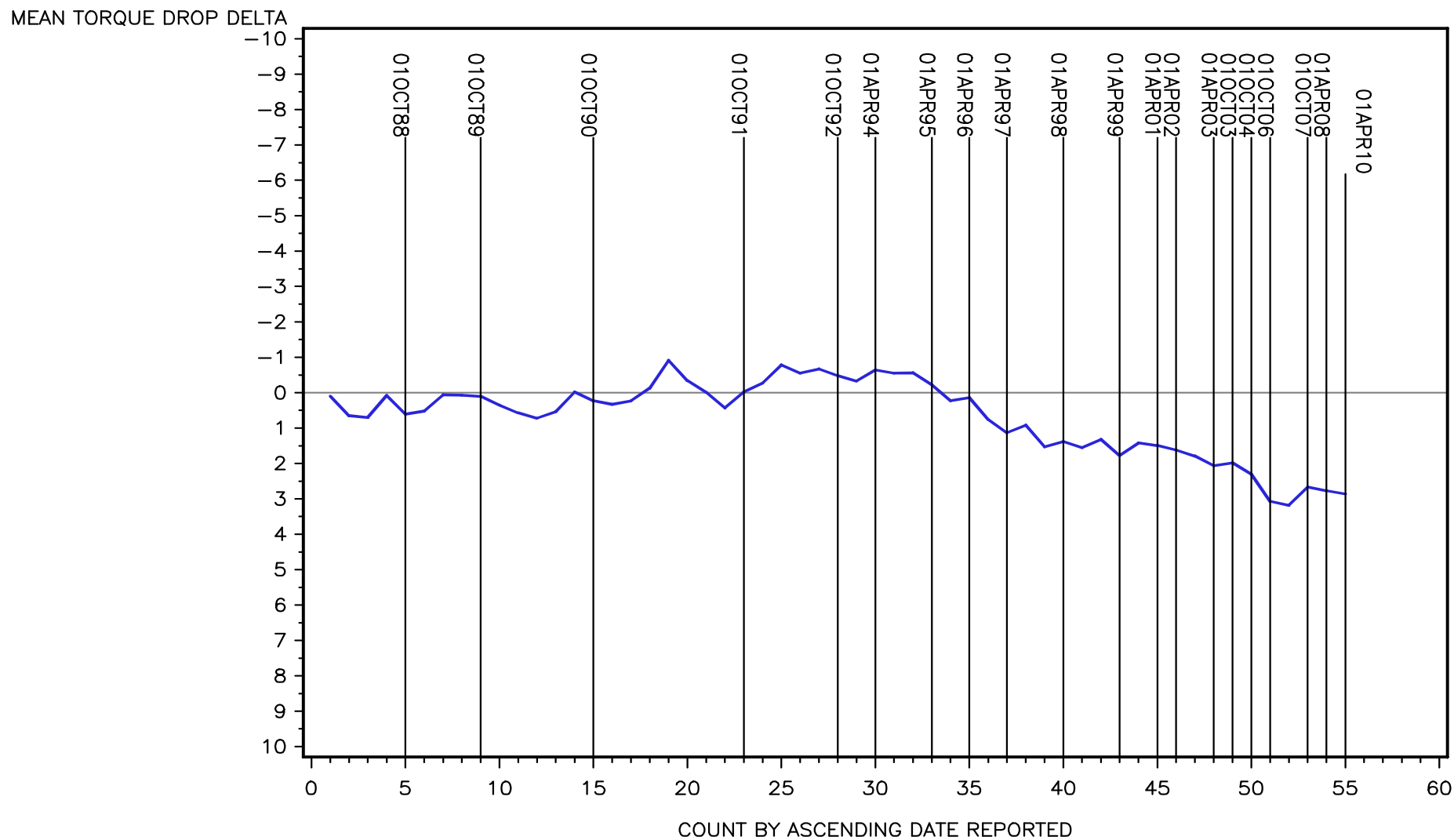
TWO-STROKE-CYCLE
STANDARD TEST METHOD FOR DETERMINATION OF LUBRICITY
OF TWO STROKE CYCLE GASOLINE ENGINE LUBRICANTS (D 4863)
MEAN TORQUE DROP OF OIL VI-EE, (TMC 604) RELATIVE TO VID (TMC 600)



TEST TARGETS BASED ON ALL TESTS REPORTED PRIOR TO 10/31/91

FIGURE 2

TWO-STROKE-CYCLE
STANDARD TEST METHOD FOR DETERMINATION OF LUBRICITY
OF TWO STROKE CYCLE GASOLINE ENGINE LUBRICANTS (D 4863)
MEAN TORQUE DROP OF OIL VI-G, (TMC 602) RELATIVE TO VI-D (TMC 600)



TEST TARGETS CALCULATED USING ALL DATA PRIOR TO 10/31/91