

**PC-9 Matrix Status Report No. 5
February 16, 2001**

Summary of Progress

Test Type	Planned Tests	Tests Started	Aborted / Invalid	Completed Tests^a
T-10	28	9	1	4
M11-EGR	26	6	1	3
1Q	28	9	4	0

a Operationally valid and reported to the TMC

T-10

The T-10 Task Force held a teleconference on February 12 to review data from initial matrix runs. A total of nine T-10 matrix tests have been started. Four tests have been reported to the TMC and verified to be operationally valid. One test was aborted for missing the soot window. This matrix is continuing and some second runs have started.

M11-EGR

The M11-EGR Task Force held a teleconference on February 15 to review data from initial matrix runs. The Task Force voted to continue the matrix beyond initial runs. Six M11-EGR matrix tests have been started. Three tests have been reported to the TMC and verified to be operationally valid. One test missed the soot window and is invalid according to the current test procedure.

1Q

Nine 1Q matrix tests have been started. Four tests have been aborted, all exhibiting high oil consumption, scuffing, or both. Four runs have reached end-of-test with one exhibiting high oil consumption and scuffing. The 1Q Task Force held a teleconference on February 14 to review data from initial matrix runs. The Task Force voted to delay continuation of the 1Q matrix pending an investigation into the probable root cause(s) of the test precision differences between reference oil 1005-1 and PC-9 matrix oil J. The investigation has a target completion date of March 5. A test on 1005-1 was started at PerkinElmer and is scheduled to complete on February 26.

John Zalar
PC-9 Matrix Project Manager