

Piston Deposits and Oil Consumption Task Force Scope and Objectives

- Clearer definition of scope and objectives requested
- Group recommends the following scope:
 - scope of the task force activity be defined to address any alternative tests which may be required for PC-9
- Issue of immediate concern are piston deposits and oil consumption due to concerns about the 1Q test.

Piston Deposits and Oil Consumption Task Force Status Update

- Meeting held May 24th PM
- Reviewed status of 1Q test
- Reviewed piston deposit and oil consumption data from Cummins M11 EGR and Mack T10 Tests
- Discussed and evaluated options including the above tests and alternative deposit test not currently in PC9
- Recommendation to HDEOCP follows....

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Recommendation -1

- Stop the current 1Q Matrix
 - Propose to re-configure to the 1R and use the remainder of the matrix funds to run ~ 10 tests to develop precision data in the 1R test. 1Q parts would be used.
 - Request approval from the matrix stakeholders (EMA/API/ACC) to allow use of the matrix funds on this revised target.
 - Continued...

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Recommendation - 2

- We recommend to retain the current base oil interchange guidelines in place for the 1P. These may be revised as data is generated in the 1R.
- The Surveillance panel would have to re-define stand calibration requirements.
- The matrix design task force would have to reconvene quickly to design a 1R matrix.
- We recommend that included oils would be TMC 1005, Oil A and Oil E.

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Recommendations - 3 - in addition to 1R

- Request ACC PAPTG to provide data from the RSI database comparing results of oils which have run in 1K and 1N, 1N and 1P, 1K and 1P,
 - Review to determine if there is relationship between deposits in AI piston and articulated piston
- ASTM TMC to provide reference oil mean and standard deviation where same reference oils used in the combinations of tests above.
- Meet June 18 to review this additional data