

HEAVY-DUTY ENGINE OIL CLASSIFICATION PANEL OF

ASTM D02.B0.02

February 19, 2003

Holiday Inn – O'Hare International, Rosemont, IL

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ACTION ITEMS

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| 1. | Range of after-treatment devices planned for use. | EMA |
| 2. | Issue "Exit Ballot" on a PC-10 Noack limit of 13% for volatility. | McGeehan |
| 3. | Bring data on using CI-4 tests in place of older tests. | All |
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MINUTES

- 1.0 Call to Order
 - 1.1 Chairman Jim McGeehan called the meeting to order at 7:59 a.m. on February 19, 2003, in the Love Room of the Holiday Inn – O'Hare International Hotel of Rosemont, Illinois. There were nine members present or represented and ten guests present. The attendance list is shown as Attachment 2.
- 2.0 Agenda
 - 2.1 The published agenda (Attachment 1) was reviewed, with no changes requested.
- 3.0 Previous Meeting Minutes
 - 3.1 Minutes of the December 10, 2002, meeting were approved with the following comments: Tom Franklin observed an "Action Item" should have been listed for Chairman McGeehan to request of sub-committee D02.B that "Loss of Side Clearance" be withdrawn as a pass/fail parameter from the CF category in D-4485. Chairman McGeehan did take that action at the December "B" meeting. Tom Cousineau observed Chairman McGeehan's slide on HDEOCP members had Mesfin Belay's name reversed.
- 4.0 Membership
 - 4.1 Abdul Cassim has replaced Dwayne Tharp of Caterpillar and Charlie Passut has replaced Tom Cousineau of Ethyl. See Attachment 3.
- 5.0 PC-10 Status

- 5.1 Bill Runkle reviewed the current status of PC-10 within the NCET. See Attachment 4. The Cat C-12 engine availability was moved to June, 2003, and the new elastomer of concern for compatibility was identified as "Vamac".
 - 5.2 There was lots of discussion concerning after-treatment compatibility testing, led by Chairman McGeehan. He asked EMA to report at the next meeting on the range of after-treatment devices they plan to use (traps, absorbers, converters, etc.). He would like the panel to decide at that meeting if an oil / after-treatment test would be feasible or should test development be abandoned and effort spent on developing chemical limits.
 - 5.3 The panel agreed that an "exit ballot" on the proposed PC-10 limit of 13% volatility by Noack be sent to the HDEOCP.
 - 5.4 Bill Runkle reported the NCET "evaluation" of PC-10 is complete and an NCDT "development" team should proceed.
- 6.0 HDEOCP Voting Requirements
- 6.1 This item was raised by the EMA at the last meeting, on how large a majority would be sufficient to pass recommendations on to sub-committee "B". Lew Williams wants more than a simple majority and favors 2/3 to 3/4. Jim McGeehan wants 100%. Other ideas explored allowing one or two dissenting votes. It was also brought up, that whatever the outcome was on a passing vote, that information should be passed on to "B".
- 7.0 Closed Crankcase Ventilation / Turbo Coking T.F.
- 7.1 Jim McGeehan reported on the CCV/TC Task Force meeting. See Attachment 5.
- 8.0 Shear Stability / High Temperature High Shear T.F.
- 8.1 Bill Kleiser reported for the SS/HTHS Task Force and Frank Bondarowicz presented some Cummins "C" field test data. See Attachment 6.
- 9.0 Replacement Test Correlation
- 9.1 Chairman McGeehan again raised the issue of need for data to correlate CI-4 tests to older category tests. No data was presented.
- 10.0 ULSD Fuel for PC-10
- 10.1 Tom Franklin presented a report from the fuel Task Force since Pat Fetterman was unable to attend. See Attachment 7.
- 11.0 Next Meeting
- 11.1 The next was not set and will be at the call of the chairman. It probably will not occur until June in Norfolk.
- 12.0 Adjournment
- 12.1 The meeting was adjourned at 9:54 a.m.

Submitted by:

Jim Wells
Secretary to the HDEOCP