

# C13 Task Force

## Abbreviated Report to the HDEOCP

### June 22, 2004

- The test has been developed using PC-9 fuel, open CV and production C13 hardware. Reference #1 consistently gave oil consumption increases of greater than 50% and stuck or sluggish rings. At least one commercial CI-4 oil gave satisfactory performance.
- Caterpillar will supply 100% inspected pistons from a large batch for future testing.
- The task force has agreed on a mini-matrix with 4 tests on two oils at the independent labs to begin (Aug – Sept time frame) followed by at least 2 additional tests at other labs. This matrix will run using ULSD, CCV, low and high reference oils.
- There is a desperate need for a reference oil that can be expected to give a consistent level of excellent performance in this test!
- The task force intends to hold two teleconferences during the month of July to:
  - Establish the calibration requirements for the C13
  - Define when a C13 test stand is "ready for matrix testing"
- It is anticipated that the task force will supply discrimination and limited precision data to the HDEOCP in the November 2004 time frame.