

CATERPILLAR SURVEILLANCE PANEL
SCOPE AND OBJECTIVES
December 1, 2015

SCOPE

The Caterpillar Surveillance Panel is responsible for the Caterpillar 1M-PC, 1K, 1N, 1P, 1R, C13 and COAT test procedures. The Caterpillar Surveillance Panel is also responsible for the EOAT test procedure. The Caterpillar Surveillance Panel works with the ASTM Test Monitoring Center and the industry to monitor test operations, test statistics, test severity and test precision for these tests. Overall improvements in the test operation and test monitoring are accomplished with the cooperation of the test developer, the Test Monitoring Center and ASTM Subcommittee B0.02

Monitor and address critical test parts quality and availability for the Caterpillar engine lubricant tests and the EOAT.

Monitor and address fuel quality and availability for Caterpillar engine lubricant tests.

OBJECTIVES

Set up a system to maintain sufficient supply of critical test parts, test fuels, and reference oils to last the life of Caterpillar engine lubricant tests associated with API CH-4, CI-4, CI-4 Plus, CJ-4, PC-11A and PC-11B (CK-4 and FA-4) and Caterpillar ECF-1a, ECF-2 and ECF-3 oil specifications.

Monitor and evaluate possible revisions to the LTMS system for the Caterpillar engine lubricant tests and EOAT.

Periodic round robins for rating deposit formation on pistons and piston rings.

COAT to EOAT performance level – Determine an equivalent level of performance in the COAT to the older oil specifications that currently use the EOAT engine test procedure. This recommendation will be forwarded to Committee B for approval.