

CATEGORY DEFINITION

Status / Timing of Category Development

Since the C-13 is the first Caterpillar multi-cylinder engine test ever developed for an industry category, it experienced a fair number of operational and precision issues. However, the development Task Force worked through these issues, and the test has been endorsed for PC-10. Acceptance into the ACC Code of Practice is still pending. The C-13 uses ULSD fuel with 15 ppm maximum sulfur.

The Mack T-12 uses composite hardware from the T-10 and T-11 tests with a new EGR system. The T-12 operating conditions are very similar to the T-10, but with significantly higher EGR flow in both Stage 1 and Stage 2. **Although similar to the T-10, the higher temperatures and EGR flow rates make the T-12 a more severe test, and the limits endorsed for PC-10 represent a performance upgrade from CI-4.** The T-12 uses the ULSD PC-10 fuel.