U.S. Department of Transportation

National Highway Traffic Safety Administration

ODI RESUME

OFFICE OF DEFECTS INVESTIGATION

NHTSA

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Investigation: PE 11-008
Date Opened: 03/29/2011
Investigator: Ric Willard **Reviewer:** Bruce York-B
Approver: Frank Borris
Subject: Caterpillar C7 Hose Leak

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: CATERPILLAR INC.
Products: 2006 - 2011 Caterpillar C7 Engine
Population: 800 (Estimated)

Problem Description: Loss of coolant may result from failing CGI coolant hoses resulting in stranded vehicles.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	8	TBD	TBD
Crashes/Fires:	0	TBD	TBD
Injury Incidents:	0	TBD	TBD
Fatality Incidents:	0	TBD	TBD
Other*:	0	TBD	TBD

***Description of Other:** *8 incidences on 6 school buses. Two buses failed twice.

ACTION / SUMMARY INFORMATION

Action: A Preliminary Evaluation has been opened.

Summary:

Coolant hoses associated with the Clean Gas Induction (CGI) system on Caterpillar C7 engines are leaking. The CGI system cools and recycles unburned fuel downstream from after-treatment. ODI believes the majority of the subject engines were originally installed on school buses but has not limited the scope of this investigation to this market segment. ODI is aware of eight (8) incidences of stranded school buses.

ODI has opened this investigation to assess this matter on the subject engines.