



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation: PE 10-029
Date Opened: 08/02/2010
Investigator: Peter Kivett **Reviewer:** Bruce York-B
Approver: Richard Boyd
Subject: Driveshaft separates from tractor

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: PACCAR INCORPORATED
Products: 2007-2009 Peterbilt tractors with extended lube driveshafts
Population: 26,300 (Estimated)
Problem Description: Internal failure causes the inter-axle driveshaft to separate from the tractor resulting in a road hazard to other vehicles on the road

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	1	0	1
Crashes/Fires:	1	0	1
Injury Incidents:	0	0	0
Fatality Incidents:	0	0	0

ACTION / SUMMARY INFORMATION

Action: This Preliminary Evaluation is Opened.

Summary:

ODI has received 1 VOQ and a number of field reports concerning inter-axle driveshaft failures. The subject vehicles are equipped with an SPL170-XL (part NO. 170DS55005CP204) inter-axle driveshaft that has extended lube intervals and it does not require maintenance until the 300,000 mile service interval.

Reports allege that the inter-axle driveshaft failure can cause extensive damage to the 5th wheel, fuel tank, chassis air plumbing as well as the inherent danger of a failed ejected driveshaft that can subsequently strike other vehicles and pedestrians. In one incident a driver of a subject vehicle alleged the driveshaft damaged his tractor. Further, reportedly the failed driveshaft was ejected from the subject vehicle at highway speeds and struck 5 other vehicles following his truck. Allegedly driveshaft failures occur as early as 12,000 miles for the subject vehicles.