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Technical Information Bulletin

CX31 Transmission Overheating in CT660 On-Highway Trucks{7000}

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CX31 Transmission Overheating in CT660 On-Highway Trucks{7000}

SMCS - 7000

On-Highway Transmission:

CX31 (S/N: D9F1-UP)

On Highway Truck:

CT660 (S/N: TRK1-UP; TKL1-UP; TGT1-UP; TSW1-UP; TSY1-UP)

Introduction

The problem that is identified below does not have a known permanent solution. Until a permanent solution is known, use the temporary solution that is identified below.

Problem

Transmission overheating issues have been observed on CT660 equipped with the CX31 non-retarder transmission. Overheating seems to have been caused in steep grade situations and on certain configurations of trucks.

Root Cause

- Driver leaving transmission in gear with parking brake applied. (enable auto neutral)
- Truck specifications for application used is incorrect (first gear lock-up or rear gear change needed)
- Cooler undersized for application/operating conditions.

Solution

Work with the DSN to determine proper repair procedure. Dealer to fill out CX31 overheat check list located on "dealer.cat.com" before contacting DSN.

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