

# Part 573 Safety Recall Report

## 20E-008

**Manufacturer Name :** McNeilus Truck & Manufacturing, Inc.

**Submission Date :** FEB 24, 2020

**NHTSA Recall No. :** 20E-008

**Manufacturer Recall No. :** NR



### Manufacturer Information :

### Population :

**Manufacturer Name :** McNeilus Truck & Manufacturing, Inc.

**Number of potentially involved :** 3

**Address :** 524 County Road 34 East

**Estimated percentage with defect :** 100 %

P.O. Box 70 Dodge Center MN 55927

**Company phone :** 507-374-6321

### Equipment Information :

**Brand / Trade 1 :** ZF

**Model :** CML12

**Part No. :** 1474124

**Size :** NR

**Function :** NR

**Descriptive Information :** Ring gear carriers produced by McNeilus' supplier deviate from specification and have cavities locally in the area of the toothings. Only parts with serial numbers 5250958, 5250960 and 5250961 are affected.

**Production Dates :** NOV 28, 2019 - NOV 28, 2019

### Description of Defect :

**Description of the Defect :** McNeilus was notified by its supplier that it identified an issue during quality testing where certain ring gear carriers were identified as having been produced outside of specification and have cavities locally in the area of the toothings. .

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** If cavities are present in the ring gear carriers, they can lead to the premature failure of the drum transmission which would cause the drum to stop rotating unexpectedly. If the drum stops rotating, this may cause concrete to spill onto the road surface while driving, increasing the risk of a crash.

**Description of the Cause :** According to ZF there are gear carriers that deviate from the specifications. The affected ring gear carriers have cavities locally in the area of the toothings. If Drum transmission fails, under certain scenarios driving up grades, could

Identification of Any Warning that can Occur :	result in discharge of concrete from the drum. This could cause a hazard with other motorists. No warning.
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## Supplier Identification :

### Component Manufacturer

Name :	ZF Industrial Technology
Address :	Tittlinger Str. 28 Passau FOREIGN STATES 94034
Country :	Germany

## Chronology :

February 2020- McNeilus was notified by its supplier ZF that ZF identified that certain drum transmissions were produced out of specification and may cause premature failure of the transmission. McNeilus launched an investigation based on ZF's notification and isolated the part numbers identified by ZF. McNeilus determined no completed vehicles had been shipped to customers with affected parts. Only customers that ordered replacement parts in a certain time frame that have affected serial number on the list are affected.

## Description of Remedy :

Description of Remedy Program :	The remedy consists of inspecting drum transmissions to see if unit falls into affected serial number range. If drum transmission falls into suspect serial number range, the drum transmission will be removed and replaced with a known good transmission that meets all specifications. The inspection and replacement will be performed by the customers own qualified service technicians at no cost to the owner.
How Remedy Component Differs from Recalled Component :	The serial number range on the remedy component is different than the serial number on the recalled component.
Identify How/When Recall Condition was Corrected in Production :	After receiving ZF's notification, McNeilus sorted through its inventory and vehicles that were ready to ship and in process of being built to search for suspect serial numbers on drum transmissions. The plant completed their search and found and removed any affected components. All vehicles that were found in the suspect range were replaced with known good drum transmissions before they were shipped to customers. Only parts sent to customers in the field through service parts were affected by the suspect serial number list.

**Recall Schedule :**

Description of Recall Schedule : Notifications to customers will be made via a customer letter. The 577 customer letter will be mailed pending NHTSA approval. McNeilus does not distribute vehicles through dealers.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : MAR 06, 2020 - MAR 06, 2020

**Purchaser Information :**

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR

Address : NR

NR

Country : NR

Company Phone : NR

\* NR - Not Reported