

Part 573 Safety Recall Report**15V-538****Manufacturer Name :** McNeilus Truck & Manufacturing, Inc.**Submission Date :** AUG 17,2015**NHTSA Recall No. :** 15V-538**Manufacturer Recall No. :** Emcara: 15E-059**Manufacturer Information :**

Manufacturer Name : McNeilus Truck & Manufacturing, Inc.

Address : 524 County Road 34 East

Dodge Center MN 55927

Company phone : 507-374-6321

Population :

Number of potentially involved : 365

Estimated percentage with defect : 33

Vehicle Information :

Vehicle : 2014-2015 McNeilus All CNG fueled McNeilus Refuse & Concrete Mixer vehicle models, including after-market parts (AMP) sold for non-McNeilus vehicles (All CNG models of Refuse Rear Loaders, Refuse Front Loaders, Refuse Side Loaders, Mixer Bridgemaster, Standard Mixer, & AMP).

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : CNG/LPG

Descriptive Information : All McNeilus CNG Refuse & Concrete Mixer models that were shipped with an Emcara CNG thermal PRD with serial numbers between LB00001119 to LB00003999. These thermal PRDs are believed to be on McNeilus vehicles shipped between July 30, 2014 and July 10, 2015. This also affects some non-McNeilus trucks that our McNeilus Service Centers installed CNG fuel systems on.

Production Dates : JUL 30, 2014 - JUL 10, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : Some McNeilus CNG refuse & concrete mixer models were shipped with an Emcara CNG thermal Pressure Relief Device (PRD) which may not vent properly. In the most severe case the thermal PRD may not vent at all.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The purpose of the thermal PRD is to relieve pressure in the CNG system if the CNG tank is reaching an unsafe level of pressure, as might occur with a thermal event that heats up a tank. In the event of a thermal event, the thermal PRD may not vent properly which increases the likelihood of a CNG tank over-pressurizing and rupturing. A tank rupture creates an increased risk of injury to the truck occupants, fire-fighters or bystanders.

Description of the Cause : According to Emcara, some thermal PRDs were manufactured with a surface finish that didn't meet Emcara specifications. The roughness of the surface finish can increase the force needed to pull the trigger in the thermal PRD block which can result in a failure to activate.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : Emcara Gas Development, Inc.

Address : 67 Watson Rd. S. Unit 3

Guelph FOREIGN STATES N1L 1E3

Country : Canada

Chronology :

June 2015 McNeilus was notified on 6/5/2015 by Emcara that some thermal PRDs may not activate properly. Various communications were made by Emcara to McNeilus throughout June about concerns with PRDs, with suspect SN ranges changing. McNeilus attempted to check parts inventory & WIP as information continually changed. Emcara also indicated that testing was in process to determine the extent and severity of the issue.

July 2015 McNeilus was notified on 7/9/2015 by Emcara that a confirmed larger SN range of PRDs was found in some thermal PRDs, and based on testing these devices may not activate. Emcara provided the suspect Serial Number ranges and the dates when the suspect PRDs were shipped to McNeilus.

McNeilus began sorting through inventory & WIP, and trucks that were ready to ship to search for suspect serial numbers on PRDs. The plant completed their search and determined that only shipments prior to 7/10/2015 were suspect.

Inventory & shipping records were reviewed to determine the suspect vehicle start date of 7/30/14.

August 2015 Upon review of the full results of the investigation & testing, McNeilus executive management decided on 8/14/2015 that the subject vehicle population posed a risk to vehicle safety and declared a recall to notify customers of the issue. There are no known accidents or injuries from this issue.

Description of Remedy :

Description of Remedy Program : The remedy consists of inspecting thermal PRDs on trucks. If PRDs are found in the suspect serial number range, the PRDs will be removed. Removed PRDs will be replaced with a known good PRD that meets all specifications.

The inspection and replacement will be performed by certified McNeilus CNG technicians at no cost to the customer.

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 : On 7/10/2015 McNeilus began sorting

through inventory and trucks that were ready to ship and in process of being built to search for suspect serial numbers on PRDs. The plant completed their search and determined that only shipments prior to 7/10/2015 were suspect. All vehicles and inventory that were found in the suspect serial range were replaced with known good PRDs outside the suspect serial number range before they were shipped to customers.

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

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : SEP 14, 2015 - SEP 14, 2015

* NR - Not Reported