

**Part 573 Safety Recall Report****15V-703****Manufacturer Name :** Terex Advance**Submission Date :** OCT 23,2015**NHTSA Recall No. :** 15V-703**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Terex Advance

Address : 7727 Freedom Way

Fort Wayne IN 46818

Company phone : 999

**Population :**

Number of potentially involved : 288

Estimated percentage with defect : 0

**Vehicle Information :**

Vehicle : 2011-2015 Terex Advance Mixer FD4000B; FD5000B; FD6000B; FD7000B

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Eaton Service Bulletin #W2-14-0033 identifies that a certain population of S26 gear pumps are vulnerable to premature failure. Given that we use this pump in a steering application, we are going forward with the recommendation in the Eaton Service Bulletin which indicates to replace the impacted pumps in the field.

Production Dates : JAN 01, 2011 - SEP 01, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : Eaton Hydraulics LLC ("Eaton") has detected certain manufacturing inconsistencies with select S26 Gear Pumps manufactured by Eaton between January 1, 2011 – November 1, 2014. These inconsistencies could result in premature system malfunction and failure in customer applications, including incorrect operation of the tag axle on our vehicles equipped with hydraulically actuated tag axle.

FMVSS 1 :NR

FMVSS 2 :NR

Description of the Safety Risk :The hydraulically actuated tag axle system which is impacted by this component failure is the steerable version. As such, a malfunction of this system could cause a degradation in the ability to properly steer the vehicle.

Description of the Cause : Per the Eaton Service Bulletin #W2-14-0033, manufacturing inconsistencies in the manufacturing of the component in question is the cause.

Identification of Any Warning that can Occur : NR

**Supplier Identification :****Component Manufacturer**

Name : Eaton Corporation

Address : 1000 Eaton Boulevard  
Cleveland OHIO 44122

Country : United States

**Chronology :**

Terex Advance received Eaton Service Bulletin #W2-14-0033 in December 2014. Terex Advance did not recognize that this bulletin pertained to current production vehicles. This bulletin was interpreted to pertain to an older version of the pump that is no longer in production. In recent field failure analysis reviews with Eaton, it was discovered that the failure mode in question was observed on current production vehicles. This was discovered on or around 8/10/2015. Based on this discovery we initiated an investigation, and on 10/16/2015 we concluded that we should proceed with declaring a safety recall.

**Description of Remedy :**

Description of Remedy Program : Replace all S26 gear pumps that fall within the subject date code range, as defined by Eaton Service Bulletin #W2-14-0033.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

**Recall Schedule :**

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported