

Part 573 Safety Recall Report

19V-486

Manufacturer Name : Oshkosh Corporation

Submission Date : JUN 21, 2019

NHTSA Recall No. : 19V-486

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Oshkosh Corporation

Address : 2307 Oregon Street

PO Box 2566 Oshkosh WI 54903-2566

Company phone : 920-235-9151

Population :

Number of potentially involved : 72

Estimated percentage with defect : 60 %

Vehicle Information :

Vehicle 1 : 2018-2019 Oshkosh S-Series Mixer

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Oshkosh S-Series Front Discharge Mixers equipped with Cummins X12 engines with two hydraulic lines.

The recall population was based on a review of production records and includes all vehicles produced with the affected hydraulic lines.

Production Dates : JAN 01, 2018 - APR 01, 2019

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : The hydraulic hoses may have been switched and inadvertently installed to the wrong location on the hard line assembly.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the hydraulic hoses are switched, a loss of hydraulic assist steering may occur. If the vehicle loses hydraulic assist steering, this could make it difficult to steer the vehicle and increase the risk of a crash.

Description of the Cause : Because of similarity in size, the hydraulic hoses may have inadvertently been installed to the incorrect location on the rear hard line assembly.

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

Production of the S-Series Mixers began in January 2018. Later that year, in the end of 2018, McNeilus received a report from the field where a customer had observed hydraulic fluid pooling under the vehicle. In May, 2019, McNeilus received a second report of a similar issue from a different customer. McNeilus personnel inspected the vehicles and found that the rubber hydraulic hoses that connected to the mechanical hardline had been switched. The hoses are identical in appearance and use a fitting with the same diameter and thread size. One of the hoses connects to the vehicle's steering pump while the other hose connects to the auxiliary hydraulic power used to operate the mixer. If the hose connecting to the auxiliary hydraulic power for the mixer is instead connected to the power steering pump, the power steering pump will continue to operate. Over time, there could be effects on other systems including engine performance or hydraulic fluid leaks. After McNeilus personnel observed the similarities in the size and appearance of the two hoses, in late January 2019, the fittings on one of the hoses was adjusted so that it would be readily distinguishable. Over the Spring of 2019, McNeilus continued to observe the issue in the field and analyze the effect of swapping the hoses beyond those already observed. While McNeilus has not received any additional reports potentially related to this issue or received any reports of a loss of power steering, on June 13, 2019, the company decided to conduct a recall.

Description of Remedy :

Description of Remedy Program : The vehicle owner will be instructed to inspect the hydraulic lines to determine if the hoses were installed correctly. If the inspection indicates that the hoses were not installed correctly, the owner will be instructed to contact Oshkosh S-Series Service for further technical support and to keep the vehicle out of service until repairs can be completed. S-Series Service will correctly install the hydraulic lines as well as inspect the vehicle for any signs of damage to associated components for which further repairs may be necessary and will vary by vehicle. The remedy will be provided at no cost to the vehicle owner.

How Remedy Component Differs from Recalled Component : The hydraulic hoses will be installed in the correct orientation and any associated repairs will be made.

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 : JUL 26, 2019 - JUL 31, 2019

* NR - Not Reported