

Part 573 Safety Recall Report

24V-740

Manufacturer Name : Terex South Dakota, Inc.

Submission Date : OCT 03, 2024

NHTSA Recall No. : 24V-740

Manufacturer Recall No. : SN732



Manufacturer Information :

Manufacturer Name : Terex South Dakota, Inc.

Address : 3140 15th Ave SE

PO Box 1050 Watertown SD 57201

Company phone : 18448373948

Population :

Number of potentially involved : 37

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2024 Terex TM, TL80, TL80/112, TL100

Vehicle Type : LOW VOLUME VEHICLES

Body Style :

Power Train : NR

Descriptive Information : The recall population includes all jib extension hydraulic cylinders, part numbered 472774, produced by the supplier from August 28, 2023 through December 29, 2023. The affected cylinders were either installed in Terex machines from November 17, 2023 through April 24, 2024 or purchased as replacement parts from September 28, 2023 through April 24, 2024.

Production Dates : NOV 17, 2023 - APR 24, 2024

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : The cylinder rod weld may not meet weld quality specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Failure of the jib extension cylinder rod weld may cause the cylinder rod to separate from the cylinder which may cause injury.

Description of the Cause : The cylinder supplier's weld process did not provide proper fusion at the weld joint.

Identification of Any Warning that can Occur : No warning will occur.

Involved Components :

Component Name 1 : Jib Extension Hydraulic Cylinder

Component Description : Jib Extension Hydraulic Cylinder

Component Part Number : 472774

Supplier Identification :

Component Manufacturer

Name : Mountain Power Hydraulics

Address : 502 County Road 1 South

Mountain Lake Minnesota 56159

Country : United States

Chronology :

A cylinder rod weld failed at Terex during a quality test on April 25, 2024. The failed cylinder was analyzed and it was determined there was improper weld fusion between the two pieces of the cylinder rod. The supplier was contacted and additional cylinder rod welds were analyzed and it were determined to have improper weld fusion. The investigation discovered that the supplier had changed the weld process for this cylinder rod in August of 2023. By May 7, 2024 the supplier had provided all affected lot numbers of affected cylinders. By May 14, 2024 the supplier had corrected the weld process to achieve proper weld fusion. The list of affected units was developed by September 25, 2024. The decision to recall was made on October 2, 2024. No failures have been reported in the field.

Description of Remedy :

Description of Remedy Program : Replacement jib extension cylinders will be provided at no cost to the owner.

How Remedy Component Differs from Recalled Component : Recalled machines will not be visibly distinguishable from remedied machines.

Identify How/When Recall Condition was Corrected in Production : Cylinders with properly welded rods were received from the supplier starting May 15, 2024 and implemented in production.

Recall Schedule :

Description of Recall Schedule : Dealer notification will begin by 10/11/2024 and owner notification will begin by 11/22/2024.

Planned Dealer Notification Date : OCT 11, 2024 - NR

Planned Owner Notification Date : NOV 22, 2024 - NR

* NR - Not Reported