

Part 573 Safety Recall Report

24V-362

Manufacturer Name : Altec Industries, Inc.

Submission Date : MAY 23, 2024

NHTSA Recall No. : 24V-362

Manufacturer Recall No. : CSN 3159



Manufacturer Information :

Manufacturer Name : Altec Industries, Inc.

Address : 210 Inverness Center Drive
Birmingham AL 35242

Company phone : 205 991 7733

Population :

Number of potentially involved : 1,128

Estimated percentage with defect : 50 %

Vehicle Information :

Vehicle 1 : 2020-2024 Altec LR7; LR8

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Altec determined the recall population using dates for the affected components provided by the supplier and a review of production records.

Production Dates : OCT 21, 2020 - APR 24, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The feeder tube on certain LR7 and LR8 upper boom cylinders could contact a cylinder rest bracket on the lower boom. If the feeder tube is in contact with the bracket, wear or damage to the tube could cause a leak over time.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the feeder tube leaks, the cylinder could lose its load-holding capability. If the cylinder cannot hold a load, it creates a risk of uncontrolled boom movement that could result in serious injury or death to the operator or others nearby.

Description of the Cause : NR

Identification of Any Warning that can Occur : A Preventive Maintenance inspection or preoperational inspection could identify contact between the feeder tube and the bracket or a potential oil leak at the cylinder feeder tube.

Involved Components :

Component Name 1 : Hydraulic Cylinder

Component Description : Hydraulic Cylinder

Component Part Number : 991054696

Component Name 2 : Hydraulic Cylinder

Component Description : Hydraulic Cylinder

Component Part Number : 990879921

Supplier Identification :

Component Manufacturer

Name : Monarch Industries

Address : 51 Burmac Rd

Winnipeg Foreign States R2J 4J3

Country : Canada

Chronology :

On April 12, 2024, Altec identified units in production that had contact between the feeder tube and the cylinder rest bracket. Altec Quality Assurance initiated an investigation to determine the root cause, scope, and affected units. On April 17, 2024, a hold was placed on all production units until the investigation was complete. Production changes were made on April 25, 2024, to remedy all units contained at the plant and future production. On May 6, 2024, a potential field action investigation was opened to determine if units in the field could have the specific supplier cylinder where the feeder tube could contact the bracket. After reviewing the production and supplier records on May 17, 2024, Altec determined that a potential defect could exist on certain LR7 and LR8 units. There were no warranty claims or field reports identified. There have been no accidents, injuries, or deaths related to this issue.

Description of Remedy :

Description of Remedy Program : Replacing the current ½ inch tall cylinder rest pad with a new 1-inch tall rest pad will provide sufficient clearance for the specific cylinders. For units with a damaged feeder tube, a new cylinder and 1-inch rest pad would be provided. When presented for repair, the recall remedy will be completed free of charge. The Altec Warranty Policy covers the recall remedy, including cases requiring reimbursement for the cost of obtaining a pre-notification remedy of the problem associated with this recall.

How Remedy Component Differs from Recalled Component : A 1-inch tall rest pad is ½ an inch taller than the original one installed. This will allow the cylinder to rest ½ an inch higher and create sufficient space between the feeder tube and bracket.

Identify How/When Recall Condition was Corrected in Production : The cylinder rest bracket was revised to create more clearance between it and the cylinder, eliminating any potential interferences. The cylinder manufacturer is moving the retract port location on the feeder tube 7/8 inch to match the port location of other suppliers, creating additional clearance.

Recall Schedule :

Description of Recall Schedule : Altec will issue CSN-3159 to the owners of the affected units. Altec does not have a dealer network and issues letters to owners only.

Planned Dealer Notification Date : JUL 22, 2024 - JUL 22, 2024

Planned Owner Notification Date : JUL 22, 2024 - JUL 22, 2024

* NR - Not Reported