

# Part 573 Safety Recall Report

# 22V-700

**Manufacturer Name :** Liquid Transport, Inc**Submission Date :** NOV 14, 2022**NHTSA Recall No. :** 22V-700**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Liquid Transport, Inc

Address : 4371 Hwy 37 East

P.O. Box 514 Camilla GA 31730

Company phone : 229-336-7103

**Population :**

Number of potentially involved : 3

Estimated percentage with defect : 10 %

**Vehicle Information :**

Vehicle 1 : 2022-2022 Hays-LTI PTNTT

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

**Descriptive Information :** 20 Axles that were purchased from Dexter Axle Company contained the potentially defective component. Liquid Transport Inc. located 14 axles from this order as uninstalled "loose" axles in our inventory. These 14 axles were remedied with parts supplied by Dexter Axle Company. The remaining 6 axles were located on three trailers (Model: PTNTT) (2 axles per trailer) manufactured and sold by Liquid Transport Inc. These were the only three trailers manufactured with axles containing potentially defective washers from the original order of 20 axles identified by Dexter Axle Company and Liquid Transport Inc. The trailers were identified and the owners were notified of the remedy proposed by Dexter Axle Company and supplied with replacement washers provided by Dexter.

Production Dates : APR 01, 2022 - JUN 16, 2022

VIN Range 1 : Begin : NR

End : NR

 Not sequential**Description of Defect :**

**Description of the Defect :** "42mm cartridge bearing washer may crack on load within the hub assembly. The potential leads to a hub separation condition of the axle wheel end." - Dexter Axle Company

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** "There is a potential for the washer to crack under load. If the washer cracks, the preload on the bearing is lost resulting in a premature bearing life and excessive end play in the hub assembly. This may lead to a hub separation condition which is a safety risk." - Dexter Axle Company

Description of the Cause : "Due to improper heat treatment including quench and tempering at the component supplier, the 42mm cartridge bearing washer may be brittle leading to cracking under load when assembled." - Dexter Axle Company

Identification of Any Warning that can Occur : "Excessive end play of the hub/wheel end assembly" - Dexter Axle Company

## Involved Components :

Component Name 1 : Washer

Component Description : 42mm Cartridge Bearing Washer

Component Part Number : 005-147-01

## Supplier Identification :

### Component Manufacturer

Name : Dexter Axle Company

Address : 2900 INDUSTRIAL PARKWAY EAST  
PO BOX 250 Elkhart Indiana 45616

Country : United States

## Chronology :

"After receiving customer complaints/warranty claims on 16-June of a bearing failure, an investigation was initiated to determine the failure mechanism of the issue. Upon further investigation of the claims, it was discovered the washer associated 42mm cartridge bearing washer was cracking leading to potential bearing and hub assembly performance issues including detachment from the axle." - Dexter Axle Company

## Description of Remedy :

Description of Remedy Program : "Dexter instituted a 100% conformance testing of the hardness of the 42mm cartridge bearing washer on 18-Jun-2022. Dexter will contact each customer to coordinate repair/replacement of suspect axle hubs." - (Dexter Axle Company)--- Liquid Transport Inc: 20 Axles that were purchased from Dexter Axle Company contained the potentially defective component. Liquid Transport Inc. located 14 axles from this order as uninstalled "loose" axles in our inventory. These 14 axles were remedied with parts supplied by Dexter Axle Company. The remaining 6 axles were located on three trailers (Model: PTNTT) (2 axles per trailer) manufactured and sold by Liquid Transport Inc. These were the only three trailers manufactured with axles containing potentially defective washers from the original order of 20 axles identified by Dexter Axle Company and Liquid Transport Inc. The trailers were identified and the owners were notified of the remedy proposed by Dexter Axle Company and supplied with replacement washers provided by Dexter. Liquid Transport Inc. sent the owners of the PTNTT trailers: 1) A cover letter from Dexter axle company explaining the situation. 2) Detailed replacement instructions with pictures provided by Dexter Axle Company. 3) Cover letter from Liquid Transport Inc. explaining the situation. 4) The replacement washers provided by Dexter Axle Company. With this information provided to the Owners, Dexter also included recall re-imbursement instructions for Labor involved in replacing the correct replacement washers provided by Dexter Axle Company.

How Remedy Component Differs from Recalled Component : "42mm cartridge bearing washers have been marked with a 'gold' paint dot to indicate the material hardness meets the product specifications." - Dexter Axle Company

Identify How/When Recall Condition was Corrected in Production : "The corrective/containment actions were put into production on 20-Jun-2022." - Dexter Axle Company

## Recall Schedule :

Description of Recall Schedule : 20 Axles that were purchased from Dexter Axle Company contained the potentially defective component. Liquid Transport Inc. located 14 axles from this order as uninstalled "loose" axles in our inventory. These 14 axles were remedied with parts supplied by Dexter Axle Company. The remaining 6 axles were located on three trailers (Model: PTNTT) (2 axles per trailer) manufactured and sold by Liquid Transport Inc. These were the only three trailers manufactured with axles containing potentially defective washers from the original order of 20 axles identified by Dexter Axle Company and Liquid Transport Inc. The trailers were identified and the owners were notified of the remedy proposed by Dexter Axle Company and supplied with replacement washers and detailed replacement instructions provided by Dexter. All three owners were verbally notified, and then Liquid Transport Inc. sent the following to each owner: 1) A cover letter from Dexter axle company explaining the situation. 2) Detailed replacement instructions with pictures provided by

Dexter Axle Company. 3) Cover letter from Liquid Transport Inc. explaining the situation. 4) The replacement washers provided by Dexter Axle Company.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported