

# Part 573 Safety Recall Report

# 24V-454

**Manufacturer Name :** Entrans International, LLC**Submission Date :** JUL 22, 2024**NHTSA Recall No. :** 24V-454**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Entrans International, LLC

Address : 12810 County Road 17

Holdingsford MN 56340

Company phone : 320-746-2255

**Population :**

Number of potentially involved : 32

Estimated percentage with defect : 50 %

**Vehicle Information :**

Vehicle 1 : 2017-2017 Polar Tank, Heil Trailer ARJH

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

**Descriptive Information :** Recent analysis was prompted by the failure of a barrel seam in a model ARJH tank trailer. Reviewing warranty data revealed a higher incidence of seam issues in trailers manufactured at a new facility from December 2016 to July 2017. An enhancement in the welding process was implemented in 2017, after which no seam issues have been reported. Consequently, all ARJH tank trailers produced at this facility within the specified timeframe are included in this recall.

The recalled tank trailers may feature a circumferential weld at the barrel's midpoint that lacks full penetration through the material, potentially compromising its strength. This weld defect cannot be visually identified.

A total of 32 ARJH tank trailers are affected by this recall.

Production Dates : DEC 16, 2016 - JUL 27, 2017

VIN Range 1 : Begin : 3H4SL4325H3048515 End : 3H6S14329H7049074  Not sequential**Description of Defect :**

**Description of the Defect :** The defect involves the circumferential weld on the barrel of the tanker. Specifically, the weld may not fully penetrate the shell's thickness, which is critical for maintaining the trailer's structural integrity. This incomplete weld penetration could lead to insufficient strength in the affected area.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** A compromised weld can result in the leakage of the trailer's contents. If unaddressed, the initial crack may expand, potentially compromising the structural integrity of the entire trailer and increasing the risk of a crash and

a significant spill of the trailer's contents.

**Description of the Cause :** The weld procedure was being used resulted in an insufficient weld.

**Identification of Any Warning that can Occur :** Initial warning signs may include leakage from the seam as the crack begins to develop.

## Involved Components :

**Component Name 1 :** Tank Welded Seam/Structure

**Component Description :** Circumferential Seam of the tank

**Component Part Number :** N/A

## Supplier Identification :

### Component Manufacturer

**Name :** NR

**Address :** NR

NR

**Country :** NR

## Chronology :

Production of Polar ARJH model at a new production facility started in January of 2017. In November of 2017 a warranty claim for a leaking center seam was received for one of the initial units produced at that production facility. Similar claims were received in 12/2021, 11/2022, and 1/2023, for units built in 5/2017, 5/2017, and 2/2017 respectively. Another claim was received in 3/2024. A pattern of failure was noted, and an engineer was sent to examine the crack on June 12, 2024.

It was determined that incomplete penetration of the circumferential seam was possible on ARJH units built at that facility from the initial production date until a welding process change and training was completed November 30, 2017. On June 13, 20224 it was decided that the ARJH units built within that window of time would be recalled and fixed, with the exception of the units that had already been fixed. There have been no deaths or injuries related to this recall.”

## Description of Remedy :

Description of Remedy Program : EnTrans International will have the seam repaired at qualified repair centers at our expense. Owner's that have already made repairs will be reimbursed.

How Remedy Component Differs from Recalled Component : Trailer with the remedy will have a reinforcement plate welded in place over the original seam.

Identify How/When Recall Condition was Corrected in Production : The problem in production was corrected when an improved welding procedure was implemented in 2017. We have had no reported seam problems since the implementation of the new welding process.

## Recall Schedule :

Description of Recall Schedule : We are currently updating our list of owners and addresses for these units.

Planned Dealer Notification Date : AUG 09, 2024 - AUG 16, 2024

Planned Owner Notification Date : AUG 09, 2024 - AUG 16, 2024

\* NR - Not Reported