

Part 573 Safety Recall Report

18T-016

Manufacturer Name : Yokohama Tire Corporation

Submission Date : NOV 19, 2018

NHTSA Recall No. : 18T-016

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Yokohama Tire Corporation

Address : 1 MacArthur Place
Santa Ana CA 92707

Company phone : 800 423 4544

Population :

Number of potentially involved : 529

Estimated percentage with defect : 3 %

Tire Information :

Tire Brand 1 : Yokohama

Tire Line : RY023

Tire Size : 295/75R22.5 (14G)

Descriptive Information : The improperly manufactured rubber compound was used only on 1 manufacturing day (16-Jun-2018), so the recall is limited to a single TIN: FABT JAD 2318.

Production Dates : JUN 16, 2018 - JUN 16, 2018

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	BT	JAD	2318	2318

Description of Defect :

Description of the Defect : The tires subject to this recall may have been produced with an improperly manufactured rubber compound. The rubber adhesion may be inadequate, resulting in a separation of the tread from the casing.

FMVSS 1 : NR

FMVSS 2 : 119 - New pneumatic tires- other than passenger cars

Description of the Safety Risk : The tire tread may separate from the casing. In small separations, a vibration may be present. If left in service, the separation could grow and result in tread detachment. Tread detachment may create unpredictable vehicle handling and result in a vehicle accident.

Description of the Cause : A batch of undertread rubber compound was improperly manufactured and failed lot confirmation testing after mixing. The defective batch had been extruded into a continuous sheet and the nonconforming material was placed on hold and the section containing the nonconforming batch was dispositioned to be removed and scrapped. Proper procedure requires the material which

Identification of Any Warning that can Occur :

was sampled as good before and after the nonconforming area also be removed and scrapped to ensure that all of the suspect material is captured. However, the material from one end of the suspect batch was not completely removed. This allowed the suspect material to be extruded into undertread compound.
It is likely that a vibration will be present in the tire, and will increasingly grow worse, until the tread separates.

Supplier Identification :

Component Manufacturer

Name : Yokohama Tire Manufacturing Mississippi

Address : 1 Yokohama Blvd
West Point MISSISSIPPI 39773

Country : United States

Chronology :

An end user returned 5 tires for a warranty claim. These tires had been installed by a trailer manufacturer and sold to the end user. The 5 tires had experienced a a complete tread separation. All tires of this part number were placed on hold and returned to the manufacturing facility for analysis. The 5 returned tires still had the QR Code label attached, and the plant was able to trace their manufacturing records back to the internal quality rejection for the undertread rubber compound. Recurrence testing was performed at the plant at the extrusion and mixing processes to confirm the extent of the suspect range, hardness testing was performed on tires surrounding the supect period. These test results were compared to production records, and durability testing was performed on completed tires to confirm the range of the suspect tires.

Description of Remedy :

Description of Remedy Program :

Yokohama will compensate dealers for the inspection and replacement of all tires subject to this recall.
Yokohama will replace free of charge any tires subject to this recall with tires of comparable value. This replacement includes the cost of mounting and balancing the replacement tires.
If the owner chooses to replace their tires with another manufacturer's tires, instead of receiving Yokohama replacement tires, Yokohama will offer a pro-rated tread depth credit of the original purchase price.

How Remedy Component Differs from Recalled Component :

Yokohama RY023 295/75R22.5 14G (Yokohama Part number 02396), identified by TIN FABTJAD2318, is the only recalled tire. the remedy tires will be from different production weeks, or from different manufacturing facilities (i.e., they will have a different Plant ID Code, or a different M Code

Identify How/When Recall Condition was Corrected in Production : in the TIN).
The recall condition was corrected when the quantity of suspect rubber compound was exhausted on 16-Jun-2018. This was confirmed by material testing on subsequent lots of the material.

Recall Schedule :

Description of Recall Schedule : Yokohama expects the recall to begin on 28-Nov-2018, with initial mailing of Owner and Dealer letters. Dealers are asked to fill out claim forms as they would with all other tire returns with the words "RY023 Tread Separation" written in the description field.

Planned Dealer Notification Date : NOV 28, 2018 - DEC 28, 2018

Planned Owner Notification Date : NOV 28, 2018 - DEC 28, 2018

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : Stoughton Trailers, Inc.
Address : 416 S. Academy Street
Stoughton WI 53589
Country : US
Company Phone : 6088732505

* NR - Not Reported