

Part 573 Safety Recall Report

22T-013

Manufacturer Name : Zhaoqing Junhong Co., Ltd.

Submission Date : MAY 19, 2023

NHTSA Recall No. : 22T-013

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Zhaoqing Junhong Co., Ltd.

Address : Linjiang Industry Park
High Tech Economic Development
Zone Zhaoqing 00 526238

Company phone : 758-363-7668

Population :

Number of potentially involved : 3,047

Estimated percentage with defect : 100 %

Tire Information :

Tire Brand 1 : ANTARES

Tire Line : COMFORT A5

Tire Size : LT265/75R16 10PR 123/120S

Descriptive Information : Because the subject tires and related inventory were produced in 2015, there are no related tires of the corresponding year and inventory to do the corresponding test. The factory could only check the company's previous routine inspection records. The records show that the tests of high speed and durability in March 2015 and February 2017 met the standards of FMVSS No. 139. In the meanwhile, we checked the production records of the subject tires and production time from 40th week to 45 week in 2015 , it was found that the external temperature curve of the vulcanizing machine M05 that produced the subject tires specification from September 15, 2015 to November 19, 2015 exceeded the process requirements, which may cause the tire to be over cured, but the external temperature by the machine hot plate displayed is standard. Until November 19th, 2015, when the machine was maintained and repaired, the problem of unqualified external temperature was found, and we repaired the machine at the same time. At that time, because the appearance met the factory standard, the batch of tires finally entered the market. Based on the above, we draw a conclusion. The tires involved in non-compliance are from September 15, 2015 to November 19, 2015. According to the safety and liability reasons, we have decided to confirm the scope of subject tires during DOT 3815-4515.

Production Dates : SEP 15, 2015 - NOV 19, 2015

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
KB	UU	NR	3815	4515

Description of Noncompliance :

Description of the Noncompliance : The separation of the belt around the tread pattern could happen during the endurance and high speed test

FMVSS 1 : 139 - New pneumatic radial tires for light vehicles

FMVSS 2 : NR

Description of the Safety Risk : This may affect the performance of the tire

Description of the Cause : Over curing of rubber causing by the excessive external temperature of the vulcanizer

Identification of Any Warning that can Occur : Tread pattern bulge may occur

Involved Components :

Component Name : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : ZHAOQING JUNHONG CO., LTD

Address : LINJIANG INDUSTRY PARK
ECONOMIC DEVELOPMENT ZONE ZHAOQING Foreign States 526238

Country : China

Chronology :

June 21st, 2022: ZHAOQING JUNHONG CO., LTD received the mail from dear Jayton about the non-compliance notice of Antares Comfort A5 LT265/75R16 10PR 123/120S. Factory stopped the production of this size right now at that time.

June 22nd, 2022: To confirm the reason why the subject tires are non-compliance, factory made the internal investigation for all sizes of Comfort A5 and this subject size.

July 1st, 2022: We checked the LT265/75R16 10PR 123/120S COMFORT A5 development data, records of design changes and routine inspection data, and did not find any clues. We follow the Flow Chart of Manufacturing Process to find whether there were any abnormalities in quality control during the production process. The date code of the subject tires were 4015 and 4515, so we checked our record of manufacturing period that was between September 15th 2015 and November 19th, 2015 for the subject tire. Record shows

that the subject tire was vulcanized on the M05 machine in 2015. When we checked the historical graph of the three elements of curing, that says temperature, pressure and time, we found something. The vulcanizer Instrument Panel shows the hot plate temperatures which is between 178.1 and 177.2 , also find that the displayed external temperature curve which was around 185°C. If the temperature is higher than the standard, over curing may occur, which leads to a reduction in the mechanical properties of the rubber and, as the load rises during use, the deformation of the tread will become more serious and generate more heat, which cause the parts to separate.

July 1st: to find out whether the test would fail due to over curing which was caused by overheat, we carried out a reconstruction experiment .

July 2nd: we do the similar tests within similar situation under FMVSS 139, the separation did happen. By the reconstruction experiment, we concluded that the noncompliance was due to over curing of rubber causing by the excessive external temperature of the vulcanizer.

Description of Remedy :

Description of Remedy Program : (1)The separation of the belt around the tread pattern could happen during the endurance and high speed test.
(2)Remedy program and plan for recalled tires
The tire or tires recalled will be replaced, mounted and, if needed, balanced at no charge to customers, as long as customers have presented them for remedy within one hundred and eighty (180) days after receipt of the notification letter. If Antares replacement tires are not available at the time of inspection, the affected tire(s) will be replaced by another comparable tire brand using the same size and load rating as required by the vehicle manufacturer. After expiration of the one hundred and eighty (180) day period, tires will be replaced at a pro-rated value determined by remaining tread depth. Details are in the notification letters uploaded.

When returning recalled tires, please include a copy of the invoice for labor charges and the consumer's recall notification letter (if available). This information will allow Antares Tires to credit you for labor charges, as well as the charges for the replacement tires. Now that the Antares wholesale distributor will initially bill you for replacement tires, but upon verification that returned tires are within the recall population, Antares Tire will issue a credit to your wholesale distributor for you based upon your last invoice price of the replacement tires (up to \$500.00 on four, or \$125.00 per replacement for a brand other than Antares Tires). Antares Tire will authorize a labor and handling allowance of \$20.00 per tire.

In the event a recalled tire is sold, you must immediately notify the national Highway Traffic Safety Administration of the sale, such reports should be made to the Associate Administrator for Enforcement, NHTSA, 1200 New Jersey Avenue, S.E., Washington, DC 20590.

How Remedy Component Differs from Recalled Component : Tires marked with DOT KBUU 3815 and DOT KBUU 4515 only

Identify How/When Recall Condition was Corrected in Production : M05 machine and Vulcanizer instrument panel had been repaired when the mold was replaced by a new one to the machine and the initial inspection was carried out, and the repair was conducted. Details are in the response to the IR letter.

Recall Schedule :

Description of Recall Schedule : notifications have been submitted for review.
Planned Dealer Notification Date : OCT 19, 2022 - OCT 26, 2022
Planned Owner Notification Date : OCT 19, 2022 - NOV 03, 2022

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 : Global Tire Depot
Address : NR
NR
Country : US
Company Phone : NR

* NR - Not Reported