

THE NETHERLANDS  
(N E D E R L A N D)

## COMMUNICATION

Concerning <sup>(1)</sup>:

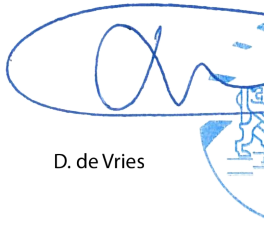
- ~~approval granted~~
- approval extended
- ~~approval refused~~
- ~~approval withdrawn~~
- ~~production definitely discontinued~~

of a type of tyre for motor vehicles pursuant to Regulation number 54.

Approval number: E4\*54R00/24\*26353\*03

Correction number: 01

1. Manufacturer's name and address : Xingyuan Tire Group Co., Ltd  
Xishui Industrial Zone, Guangrao County,  
Dongying City, Shandong Province, 257336,  
China (PRC)
2. Tyre type designation<sup>(2)</sup>
  - 2.1. Brand-name(s) or trade mark(s) : HUALU; ANNAITE; HILO; XINGYUAN;  
AMBERSTONE; FULLRUN; ANTYRE;  
AUFINE; TURNPIKE; XBRI; MEGARUN
  - 2.2. Trade description(s)/ Commercial name(s) : 366; SL366; TB906; GALAXY AF177; TB888;  
TB882; S500; XB55; MTL313
3. If applicable, name and address of the manufacturer's representative : not applicable
4. Summarized description
  - 4.1. Tyre-size designation : 265/70R19.5
  - 4.2. Category of use : normal/~~snow~~/special <sup>(1)</sup>

- 4.3. Structure : ~~diagonal(bias ply)~~/radial <sup>(1)</sup>
- 4.4. Tyre class : ~~E2~~/C3 <sup>(1)</sup>
- 4.5. Speed category symbol:
- 4.5.1. Nominal : J
- 4.5.2. additional (if applicable) : ---
- 4.6. Load-capacity indices:
- 4.6.1. Corresponding to nominal speed:
- single : 143
- twinned (dual) : 141
- 4.6.2. Corresponding to additional speed:
- single : ---
- twinned (dual) : ---
5. Technical service and, where applicable, test laboratory approved for purposes of approval or of verification of conformity : TÜV Rheinland Kraftfahrt GmbH  
Typprüfstelle Fahrzeuge/Fahrzeugteile  
Am Grauen Stein  
51105 Köln
6. Date of report issued by that service : January 24, 2022
7. Number of report issued by that service : 86-R54-1035/22-01
8. Reason(s) of correction (if applicable) : Addition of trade descriptions S500/XB55
9. Any remarks : Not Applicable.
10. Place : Zoetermeer
11. Date : 09 February 2022
12. Signature :   
D. de Vries
13. Annexed to this communication is a list of documents in the approval file deposited at the administrative service having delivered the approval and which can be obtained upon request.
- Application form relating to ECE approval for a pneumatic tyre pursuant to Regulation number 54.
  - The drawing of the tyre's sidewalls, tread and dimensioned cross-section.
  - The test report as mentioned in item 7.

(1) Strike out what does not apply.

(2) A list of Brand name(s)/trademark(s) or Trade description(s)/ Commercial name(s) may be annexed to this communication

**APPLICATION FOR APPROVAL EXTENSION OF A TYPE OF PNEUMATIC TYRE ACCORDING TO  
ECE REGULATION No. 54, 00 SERIES OF AMENDMENTS**

- |        |   |   |  |
|--------|---|---|--|
| 1.     | Manufacturer's name or trade mark <sup>(2)</sup>                    | : | HUALU; ANNAITE; HILO; XINGYUAN;<br>AMBERSTONE; FULLRUN; ANTYRE; AUFINE;<br>TURNPIKE; XBRI; <u>MEGARUN</u>    |
| 2.     | Tyre type designation by the manufacturer <sup>(2)</sup>            | : | 366; SL366; TB906; GALAXY AF177; TB888; TB882;<br>S500; XB55; <u>MTL313</u> ;                                |
| 3.     | Manufacturer's name and address                                     | : | Xingyuan Tire Group Co., Ltd.<br>Xishui Industrial Zone, Guangrao,<br>Dongying Shandong 257336<br>P.R. China |
| 4.     | If applicable, name and address of<br>manufacturer's representative | : | not applicable   |
| 5.     | Summarised description,   |   |  |
| 5.1.   | Tyre size designation   | : | 265/70R19.5  |
| 5.2.   | Category of use   | : | Normal / <del>special</del> / snow   |
| 5.3.   | Structure   | : | <del>diagonal (bias ply)</del> / radial  |
| 5.4.   | Speed category symbol   |   |  |
| 5.4.1. | Nominal   | : | J  |
| 5.4.2. | Additional (if applicable)  | : | not applicable   |
| 5.5.   | Load capacity indices   |   |  |
| 5.5.1. | corresponding to nominal speed                                      | : | single: 143, twinned (dual): 141   |
| 5.5.2. | corresponding to additional speed                                   | : | single: ---, twinned (dual): ---   |
| 6.     | Overall dimensions (design)   | : | calculated / <del>Annex 5</del>  |
|        | overall section width   | : | 262  |
|        | outer diameter  | : | 866  |
| 7.     | Factor 'x'  | : | 0.75   |
| 8.     | Ply-rating number for diagonal (bias ply) tyres                     | : | 18   |
| 9.     | Rims on which the tyre can be mounted                               | : | 7.50   |
| 10.    | Measuring rim and test rim  | : | see attached test report   |
| 11.    | Tyre class  | : | <del>C2</del> / C3   |
| 12.    | State whether the tyre is   | : | tubeless / <del>tube type</del>  |
| 13.    | Traction tyre   | : | <del>Yes</del> / no (see the tread pattern detail in drawing)  |
| 14.    | State if special use tyre   | : | n.a.   |
|        | Professional Off-Road   | : | <del>Yes</del> / no  |
|        | Tread depth   | : | n.a.   |
|        | Void to fill ratio  | : | n.a.   |
| 15.    | Inflation pressure and index for<br>measuring and testing           | : | see attached test report   |
| 16.    | Submitted for approval on (date)                                    | : | Jan. 01, 2022  |

We herewith declare that we have not applied and will not apply for approval with another Contracting Party of the ECE for the same type of product.

MANUFACTURER'S STAMP

Signature :

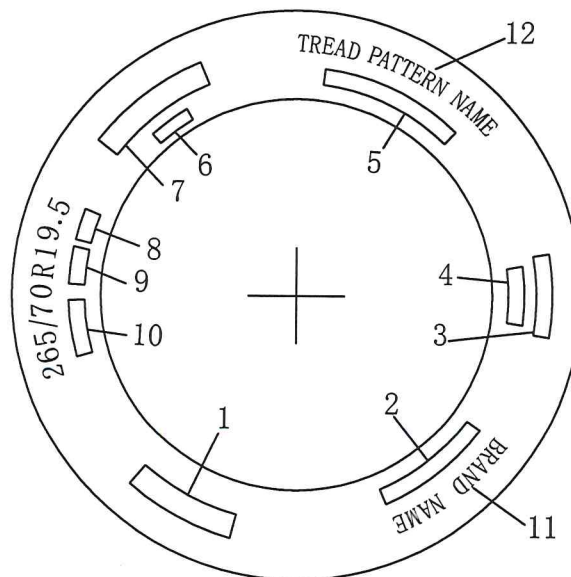
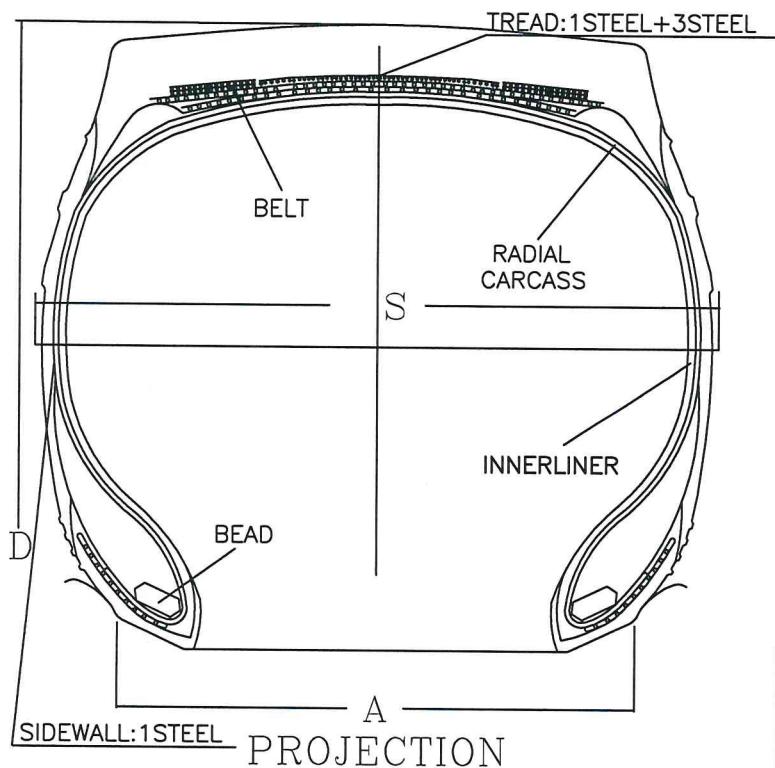
Name:

THIS APPLICATION IS ACCOMPANIED BY:

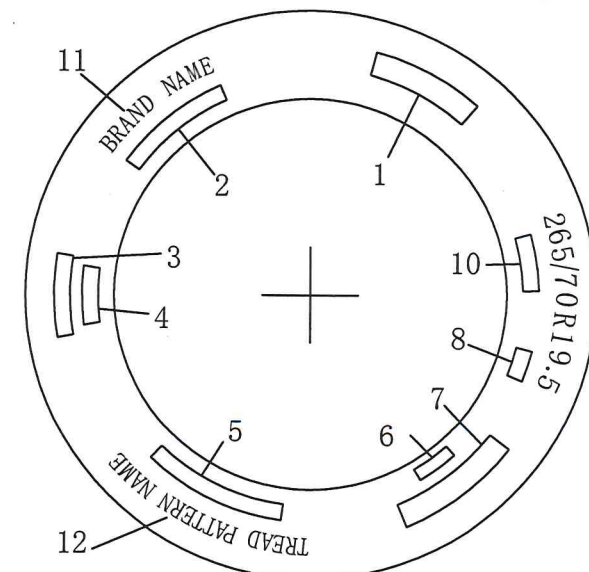
- A drawing of the tyre's side wall, tread and dimensioned cross section.
- The test report.

(1) Strike out what does not apply.

(2) Modified points are underlined for extension.



BOTTOM SIDEWALL



TOP SIDEWALL

TREAD PATTERNS

REFER TO ATTACHMENT NO. 2657001-001-2022

1	PLIES: SIDEWALL 1 STEEL TREAD 1 STEEL + 3 STEEL MAX LOAD: SINGLE 6005 LBS AT 123 PSI COLD LR. J DUAL 5675 LBS AT 123 PSI COLD							
2	ALL STEEL RADIAL TUBELESS							
3	BRAND TIRE HERE							
4	REGROOVABLE							
5	SAFETY WARNING!							
6	MADE IN CHINA							
7	143/141J 123PSI 18PR							
8	STANDARD RIM 7.50							
9	E4 *****							
10	DOT 66 SL BB26 **** (****----DATE CODE) (BOTTOM)					DOT 66 SL BB26 (TOP)		
11	BRAND NAME							
12	TREAD PATTERN NAME							
265/70R19.5		143/141	J	TL	867	262	190.5	SEE TREAD PATTERNS
TIRE SIZE		LOAD INDEX	SPEED SYMBOL	TYPE	D (mm)	S (mm)	A (mm)	SKID DEPTH (mm)

DRAWN BY Jing Shupeng

CHECKED BY

刘洋

APPROVED BY

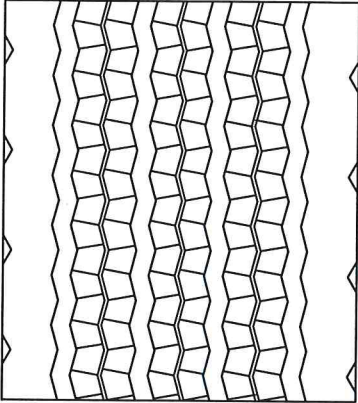
邵志康

XINGYUAN TIRE GROUP CO., LTD.

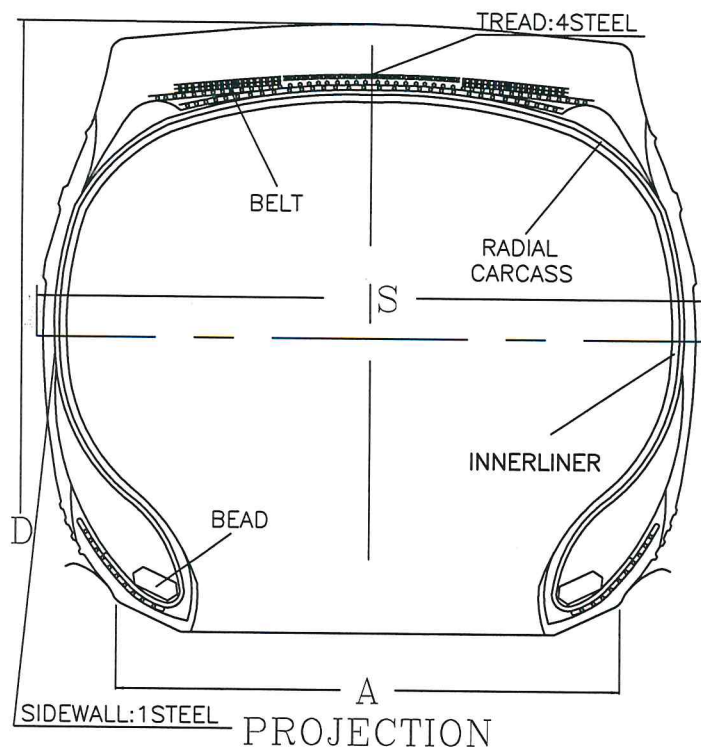
ATTACHMENT NO. 2657001-001-2022

TIRE SIZE 265/70R19.5 143/141 J

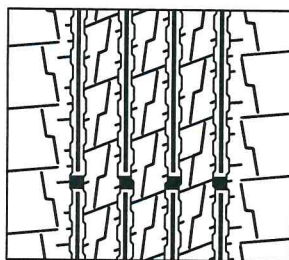
E4 \*\*\*\*\*

BRAND NAME	TREAD PATTERN NAME	TREAD PATTERNS
FULLRUN	TB888	<div></div> <p>TB888 TB882 S500 XB55 SKID DEPTH: 12.5mm</p>
ANTYRE	TB882	
TURNPIKE	S500	
XBRI	XB55	

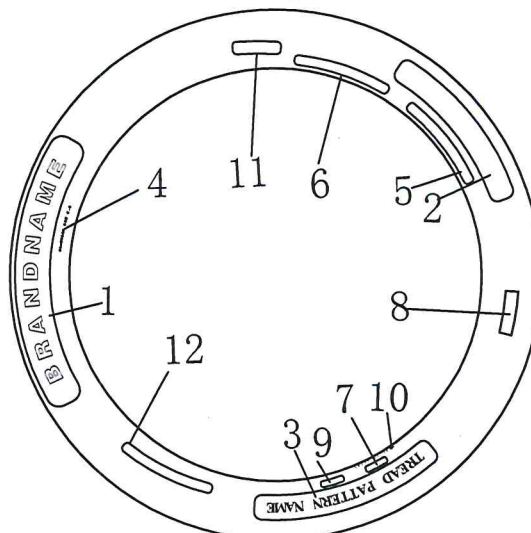




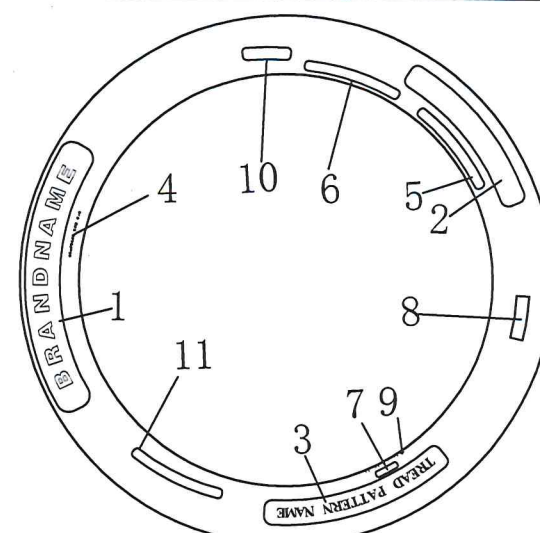
TREAD PATTERN



GALAXY AF177



LOWER MOULD

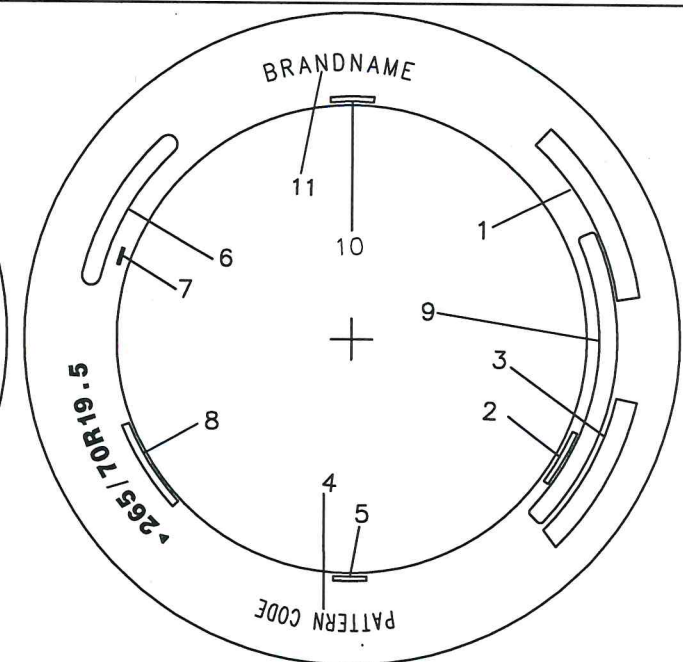
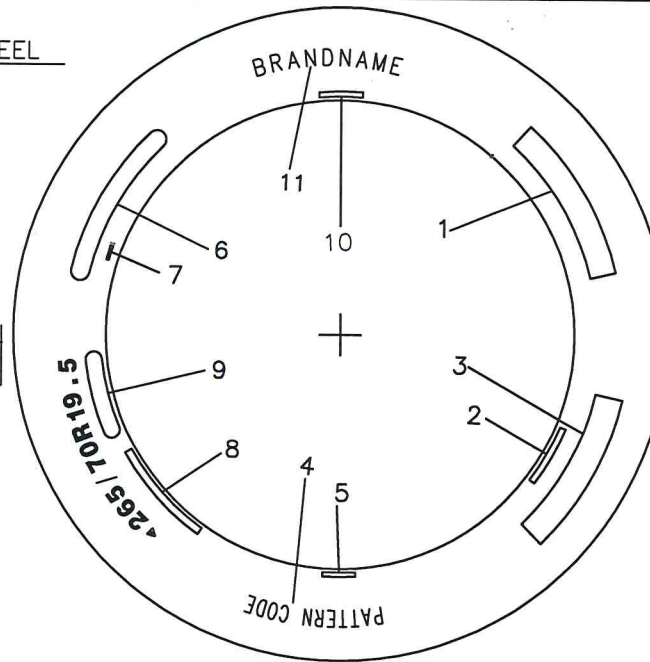
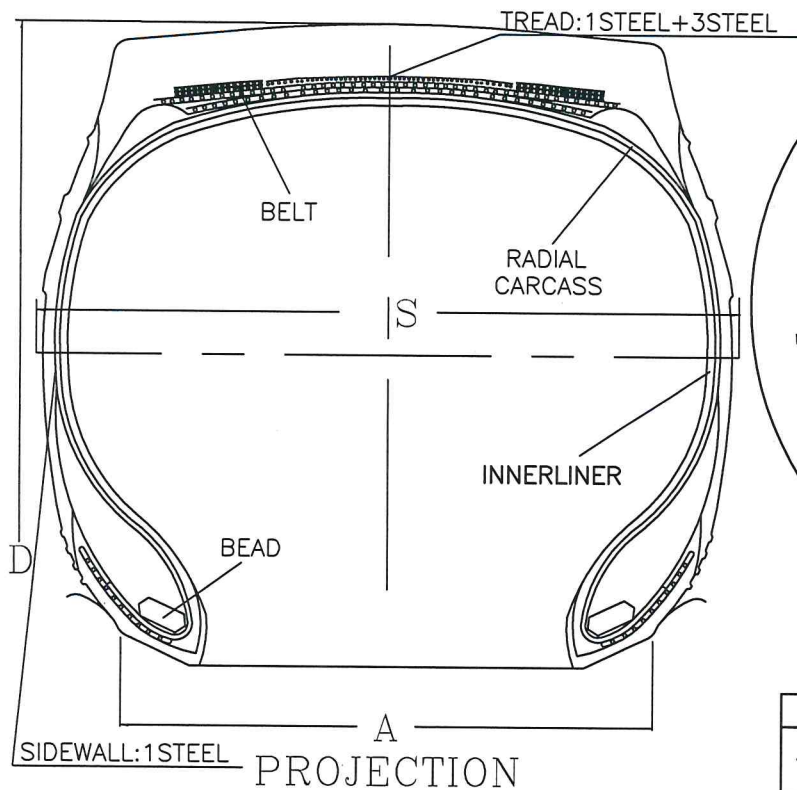


UPPER MOULD

	LOWER MOULD		UPPER MOULD
1	AUFINE	1	AUFINE
2	265/70R19.5	2	265/70R19.5
3	GALAXY AF177	3	GALAXY AF177
4	STANDARD RIM 7.50	4	STANDARD RIM 7.50
5	143/141 J 18PR		143/141 J 18PR
6	PLIES: TREAD 4 STEEL SIDEWALL 1 STEEL; MAX LOAD SINGLE 2725 Kg(6005 LBS) AT 850 Kpa(123 PSI) COLD MAX LOAD DOUBLE 2575 Kg(5675 LBS) AT 850 Kpa(123 PSI) COLD	6	PLIES: TREAD 4 STEEL SIDEWALL 1 STEEL; MAX LOAD SINGLE 2725 Kg(6005 LBS) AT 850 Kpa(123 PSI) COLD MAX LOAD DOUBLE 2575 Kg(5675 LBS) AT 850 Kpa(123 PSI) COLD
7	DOT 66 SL BB26****(****---DATE CODE)	7	DOT 66 SL BB26****
8	SAFETY WARNING.....	8	SAFETY WARNING.....
9	(E4) 00*****	9	MADE IN CHINA
10	MADE IN CHINA	10	REGROOVABLE TUBELESS
11	REGROOVABLE TUBELESS	11	RADIAL
12	RADIAL		

265/70R19.5	143/141	J	TL	867	262	190.5	14
TIRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	D (mm)	S (mm)	A (mm)	SKID DEPTH (mm)

DRAWN BY Jing Shupeng CHECKED BY 刘洋 APPROVED BY 张永平 XINGYUAN TIRE GROUP Co.,Ltd.



BOTTOM SIDEWALL

TOP SIDEWALL

	BOTTOM SIDEWALL		TOP SIDEWALL
1	ALL STEEL RADIAL TIRE REGROOVABLE	1	ALL STEEL RADIAL TIRE REGROOVABLE
2	STANDARD RIM 7.50	2	STANDARD RIM 7.50
3	WARNING: ... ..	3	WARNING: ... ..
4	REFER TO ATTACHMENT NO.2657001-002-2022	4	REFER TO ATTACHMENT NO.2657001-002-2022
5	TUBELESS	5	TUBELESS
6	143/141 J 18PR LOAD RANGE J PLIES:SIDEWALL 1 STEEL; TREAD 1 STEEL + 3 STEEL MAX LOAD SINGLE 2725 Kg(6005 LBS) AT 850 Kpa(123 PSI) COLD MAX LOAD DOUBLE 2575 Kg(5675 LBS) AT 850 Kpa(123 PSI) COLD	6	143/141 J 18PR LOAD RANGE J PLIES:SIDEWALL 1 STEEL; TREAD 1 STEEL + 3 STEEL MAX LOAD SINGLE 2725 Kg(6005 LBS) AT 850 Kpa(123 PSI) COLD MAX LOAD DOUBLE 2575 Kg(5675 LBS) AT 850 Kpa(123 PSI) COLD
7	***** (MOULD CODE)	7	***** (MOULD CODE)
8	DOT 66 SL BB26**** (**** --- DATE CODE)	8	DOT 66 SL BB26****
9	(E4) *****	9	XINGYUAN TYRE GROUP CO., LTD/-
10	MADE IN CHINA	10	MADE IN CHINA
11	REFER TO ATTACHMENT NO.2657001-002-2022	11	REFER TO ATTACHMENT NO.2657001-002-2022

TREAD PATTERN

REFER TO ATTACHMENT NO.2657001-002-2022

265/70R19.5	143/141	J	TL	867	262	190.5	14
TIRES SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	D (mm)	S (mm)	A (mm)	SKID DEPTH (mm)

DRAWN BY	Jing Shupeng	CHECKED BY	刘洋	APPROVED BY	郭志东	XINGYUAN TYRE GROUP Co.,Ltd.
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# ATTACHMENT NO.2657001-002-2022

TIRE SIZE 265/70R19.5 143/141 J

E4 \*\*\*\*\*

BRANDNAME

PATTERN CODE

TREAD PATTERN

**HUALU**

366

SL366

**ANNAITE**

366

**XINGYUAN**

366

SL366

**HILO**

366

**AMBERSTONE**

366

**FULLRUN**

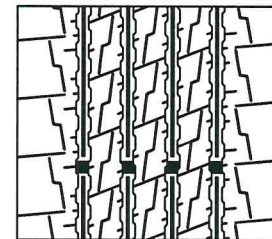
TB906

**ANTYRE**

TB906

MEGARUN

MTL313



366 SL366 TB906 MTL313



**Test Report No. 86-R54-1035/22-01**

**Type** : 265/70R19.5  
**Manufacturer** : Xingyuan Tire Group Co., Ltd

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## TEST REPORT

**according to UN-Regulation**

**Uniform provisions concerning the approval of pneumatic tyres  
for commercial vehicles and their trailers**

**UN-Regulation No.54**

including all amendments until  
Amend.00, Suppl. 24

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Approval Status

UN approval : E4-54R-0026353 Ext.02

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Structure of the Test Report

Item No.

0. General information
  1. Tested ~~vehicle(s)~~ / object(s)
  2. Test record
  3. List of appendices
  4. Statement of conformity
- 

The Test Report shall be reproduced and published in full by the client only. It shall however be reproduced partially with the written permission of the Technical Service.

## Test Report No. 86-R54-1035/22-01

Type : 265/70R19.5  
 Manufacturer : Xingyuan Tire Group Co., Ltd

---

**0. General Information**

- 0.1. Make (trade name of the manufacturer) : Xingyuan Tire Group Co., Ltd
- 0.2. Type : 265/70R19.5
- 0.3. Category of vehicle : Not applicable
- 0.4. Name and address of the manufacturer : Xingyuan Tire Group Co., Ltd  
 Xishui Industrial Zone, Guangrao County, Dongying  
 City, Shandong Province, 257336, China (PRC)
- 0.5. No. of the information folder : Not applicable  
 -Date of issue : ---  
 -Date of last change : ---

**1. Tested ~~vehicle(s)~~/ object(s)**

- 1.1. Description
- 1.1.1. ~~Vehicle~~/ object
- Commercial description : Not applicable
- Type(s) ~~/variant(s)/version(s)~~ : 265/70R19.5
- Identification number : See Appendix 1
- 1.1.2. Condition of ~~vehicle(s)~~/Object(s) : New ~~/used/~~ **tested**
- 1.2. Worst case selection : The determination of the worst case was done according to internal procedures of the Technical Service (MS-0000480 section 5.6).  
~~Only one variant/version, so no worst case assessment required.~~  
~~There is no worst case selection applicable because all variants mentioned in the information folder are tested.~~  
 Paperwork extension, please see previous test report(s) for worst case information.
- 1.3. Remarks : Not applicable

**Test Report No. 86-R54-1035/22-01**

**Type** : 265/70R19.5  
**Manufacturer** : Xingyuan Tire Group Co., Ltd

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**2. Test record**

- 2.1. Equipment for measuring and testing : The test facilities / measurement equipment used were in compliance with the test requirements
- 2.1.1. Specifications for the test site : Not applicable
- 2.1.2. Subcontracting : Not applicable
- 2.2. Test results : See Appendix 1
- Numbering according to Paragraph 6. and 7. of the UN-Regulation No.54
- 2.2.1. Test results referring to measurements : Pass / ~~Fail~~
- 2.2.2. Attributive tests : Not applicable
- 2.2.3. Alternative test provisions : Not applicable
- Remarks concerning extension ~~The type has been tested according to the modification(s) mentioned in appendix 0.~~  
 The new parts meet the requirements of the regulation.  
 An actual practical test of the type was not necessary.  
 The results of the previous test(s) are still valid.
- 2.3. Additional information : The results of the test refer exclusively to the object(s) mentioned under point 1. of this report.
- Test site : Xingyuan Tire Group Co., Ltd  
 Xishui Industrial Zone, Guangrao County, Dongying City, Shandong Province, 257336, China (PRC)
- Test date : October 20-22, 2012
- 2.4. Remarks : Not applicable

**Test Report No. 86-R54-1035/22-01**

**Type** : 265/70R19.5  
**Manufacturer** : Xingyuan Tire Group Co., Ltd

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**3. List of Appendices**

Appendix 0 : List of modifications  
Appendix 1 : Test minutes

**4. Statement of conformity**

The Information Document listed in section 0.5., and the type described therein, comply with the requirements stated on page 1. The test results in this report refer to the ~~vehicle(s)~~ object(s) described under section 1.1. With regards to the required level of performance to be achieved, the tested samples were representative for the type to be approved (see section 1.2).

Qingdao / January 24, 2022

LX/WXC



Liu Xin  
Technical Expert Technical Service



Type : 265/70R19.5  
Manufacturer : Xingyuan Tire Group Co., Ltd

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## List of modifications

## Appendix 0

Correction of : Add trade descriptions S500/XB55

Modification of : ---

Addition of : ---

Deletion of : ---

## Test Report No. 86-R54-1035/22-01

Type : 265/70R19.5  
 Manufacturer : Xingyuan Tire Group Co., Ltd

## Test minutes

## Appendix 1

## 1. Test data

## 1.1 Object markings

- |        |   |   |  |                    |
|--------|---|---|--|--------------------|
| 1.1.1  | Trade name or mark  | : | ANNAITE  |                    |
| 1.1.2  | Tyre type designation                                     | : | 366  |                    |
| 1.1.3  | Plies of Tread / Sidewall                                 | : | 1 STEEL + 3 STEEL / 1 STEEL                                |                    |
| 1.1.4  | Tyre size designation                                     | : | 265/70R19.5  |                    |
| 1.1.5  | Category of use   | : | Normal   |                    |
|        | Indication of category of use                             | : | n/a  |                    |
| 1.1.6  | Structure   | : | Radial   |                    |
|        | Indication / symbol of structure                          | : | Word "RADIAL", letter "R" in front of rim diameter marking |                    |
| 1.1.7  | Speed category  | : | Nominal: J   | Supplementary: --- |
| 1.1.8  | Load-Capacity Indices(L.I.)                               |   |  |                    |
|        | corresponding to nominal speed                            | : | Single: 143  | Twinned: 141       |
|        | corresponding to supplementary speed                      | : | Single: ---  | Twinned: ---       |
| 1.1.9  | Index of inflation pressure for testing                   | : | 850 kPa  |                    |
| 1.1.10 | Ply-rating number   | : | 18PR   |                    |
| 1.1.11 | Word in case of without inner tube                        | : | TUBELESS   |                    |
| 1.1.12 | Word in case of tyre can be regrooved                     | : | REGROOVABLE  |                    |
| 1.1.13 | Inscription in case of Free Rolling Tyre or Traction Tyre | : | n/a  |                    |
| 1.1.14 | Date of manufacture                                       | : | 4112   |                    |

## 1.2. Dimension measurement according to Annex 6

- |       |  |   |                    |
|-------|--|---|--------------------|
| 1.2.1 | Measuring rim                                      | : | 7.50 × 19.5        |
| 1.2.2 | Inflation pressure after mounting on measuring rim | : | 8.5 bar            |
| 1.2.3 | Inflation pressure adjusted before conditioning    | : | 8.5 bar            |
| 1.2.4 | Conditioning of tyre                               | : | More than 24 hours |
| 1.2.5 | Inflation pressure readjusted after conditioning   | : | 8.5 bar            |
| 1.2.6 | Overall width at six equally spaced points         |   |                    |
|       | 1. 261.7 mm      2. 261.1 mm      3. 260.8 mm      |   |                    |
|       | 4. 260.9 mm      5. 261.3 mm      6. 261.3 mm      |   |                    |
|       | Max.: 261.7 mm                                     |   |                    |

**Test Report No. 86-R54-1035/22-01**

**Type** : 265/70R19.5  
**Manufacturer** : Xingyuan Tire Group Co., Ltd

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- 1.2.7 Circumference : 2721 mm  
 1.2.8 Outer diameter : 866.1 mm  
 1.2.9 Tread depth / void to fill ratio in case of special use tyre : ---

**1.3. Load/speed performance test according to Annex 7**

- 1.3.1 Test machine : TJR-2-TB(Y)  
 1.3.2 Diameter of test drum : 1.707 m  
 1.3.3 Test rim : 7.50 × 19.5  
 1.3.4 Inflation pressure adjusted before conditioning : 8.5 bar  
 1.3.5 Conditioning of tyre : More than 3 hours  
 1.3.6 Test-room temperature : 26°C  
 1.3.7 Inflation pressure readjusted after conditioning : 8.5 bar  
 1.3.8 100% load corresponding to L.I.(single) : 2725 kg

Step	Step duration [h]	Total duration [h]	Actual speed [min <sup>-1</sup> ]	Test Load	
				[%]	[kg]
1.	7	7	150	66	1798.5
2.	16	23	150	84	2289
3.	24	47	150	101	2752.3

- 1.3.9 Inspection after test : The tyre does not exhibit tread separation, ply separation, cord separation, chunking or broken cords.
- 2. Remarks** : The test data of Appendix 1 refer to report No.: 86-R54-0200/15-00 corresponding to type approval No. E4-54R-0026343 Ext.01