

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

COMMUNICATION

Concerning ⁽¹⁾:

- ~~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- ~~approval withdrawn~~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: E4-54R-0028982
Extension number: 02

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 ⁽²⁾ :
- 2.1. Brand name(s)/trademark(s) : HUALU or ANNAITE or GUOBAO or
QIANGWEI or GUANGDA or ANGUANGDA
or HILO or AMBERSTONE or BENTENG or
GREMAX or AUFINE or FULLRUN or
ANTYRE
- 2.2. Trade description (s)/Commercial
name(s)/ : 356 or 358 or 368 or 386 or GM358 or GM386
or AF186 or TB631 or TB632 or TB913
3. If applicable, name and address of the
manufacturer's representative : Not applicable
4. Summarized description:
- 4.1. Size of tyre : 11.00R20
- 4.2. Category of use : normal/~~snow~~/~~special~~ ⁽¹⁾

- 4.3. Structure : ~~diagonal (bias-ply)~~/radial ⁽¹⁾
- 4.4. Tyre class : ~~E2~~/C3 ⁽¹⁾
- 4.5. Speed category symbol:
- 4.5.1. nominal : K
- 4.5.2. additional (if applicable) : ---
- 4.6. Load-capacity indices:
- 4.6.1. Corresponding to nominal speed:
- single : 152
 - twinned (dual) : 149
- 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 SÜD Auto Service GmbH
Westendstraße 199
D-80686 München
6. Date of report issued by that service : 2015-09-30;
2020-06-18
7. Number of report issued by that service : 86-R54-3172/15-00;
20-00950-CX-SHA-00
8. Reason(s) for extension (if applicable) : Additional trade mark and tread pattern;
Change of technical service;
Upgrade UN-Reg. 54-00 to Suppl. 23;
9. Any remarks : ---



10. Place : Zoetermeer
11. Date : 26 June 2020
12. Signature :



T. H. K. Spatz

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.

Test report No.: 20-00950-CX-SHA-00
Manufacturer: Xingyuan Tire Group Co., Ltd.
Type: 11.00R20 152/149K



Test Report

No.: 20-00950-CX-SHA-00

Test of a type of component
with regard to UN/ECE Regulation No.

54

including all amendments up to
supplement 23 to the 00 series

Approval subject:
pneumatic tyres
for commercial vehicles and their trailers

Stage of completion:
N/A

Approval status	
☐	Granting of a type approval
☒	Extension/correction to type approval no. : E4-54R-0028982 Ext.02



Test report No.: 20-00950-CX-SHA-00
Manufacturer: Xingyuan Tire Group Co., Ltd.
Type: 11.00R20 152/149K



I. General

Name and address of manufacturer : Xingyuan Tire Group Co., Ltd.
Xishui Industrial Zone Guangrao County,
Dongying City Shandong Province 257336
China (PRC)

Brand name(s)/trademark(s) : HUALU or ANNAITE or GUOBAO or QIANGWEI
or GUANGDA or ANGUANGDA or HILO or
AMBERSTONE or BENTENG or GREMAX or
AUFINE or FULLRUN or ANTYRE

Trade description (s)/Commercial
name(s) : 356 or 358 or 368 or 386 or GM358 or GM386 or
AF186 or TB631 or TB632 or TB913

Name and address of representative: : Not applicable

Size of tyre: : 11.00R20 152/149K

Tyre class: : ~~E2~~/C3

Location of the approval mark: : On the sidewall

II. Test results

Refer to the Annex II

III. Enclosures

Information document No. ECE-2020-XY001 dated 2020-06-05 (yyyy-mm-dd)

IV. Statement of conformity

The mentioned information folder and the type described therein are in accordance with the test basis mentioned above. The worst-case was selected in accordance with document "Requirements for Test Reports (AS-PB-T-02)".

The test report may be reproduced and published in full and by the client only. It can be reproduced partially with the written permission of the test laboratory only.





Auto Service

Test report No.: 20-00950-CX-SHA-00
Manufacturer: Xingyuan Tire Group Co., Ltd.
Type: 11.00R20 152/149K

TÜV SÜD Auto Service GmbH is designated as Technical Service by:

Approval authority	Country	Registration number
Kraftfahrt-Bundesamt (KBA)	Germany	KBA-P 00100-10
Vehicle Certification Agency (VCA)	United Kingdom	VCA-TS-006
Approval Authority of the Netherlands (RDW)	The Netherlands	RDWT-082-xx
National Standards Authority of Ireland (NSAI)	Ireland	Technical Service Number: 49
Société Nationale de Certification et d'Homologation s.à r.l. (SNCH)	Luxembourg	13/B(g)

München, 2020-06-18 (yyyy-mm-dd)



Xiaopeng Li



Test report No.: 20-00950-CX-SHA-00
Manufacturer: Xingyuan Tire Group Co., Ltd.
Type: 11.00R20 152/149K



Auto Service

Annex I Reason of Extension

Correction of : ---

Modification of : Technical service
Upgrade UN-Reg. 54-00 to Suppl. 23

Addition of : Trade mark and tread pattern

Deletion of : ---



Annex II Test results

1. Description of the test object

- | | | |
|-------|--|--|
| 1.1. | Trade mark | : ANNAITE |
| 1.2. | Tread pattern | : 386 |
| 1.3. | Plies | |
| | Tread | : 1 Steel + 3 Steel |
| | Side wall | : 1 Steel |
| 1.4. | Tyre-size designation | : 11.00R20 |
| 1.5. | Category of use | : Normal/ snow /special |
| 1.6. | For the tyre belonging to the category of use "special use tyre" those which bears the inscription M+S or M.S or M&S | : Not applicable |
| 1.7. | Structure | : Diagonal (bias-ply) /radial |
| 1.8. | Speed category symbol | : Nominal: K, additional: --- |
| 1.9. | Load-capacity indexes | |
| | Corresponding to nominal speed | : Single: 152 , twinned: 149 |
| | Corresponding to additional speed | : Single: --- , twinned: --- |
| 1.10. | The inflation pressure for the dimension measurement and for the load/speed endurance test pressure | : 930 kPa |
| 1.11. | Indication | : Tubeless /tube type |
| 1.12. | Regroovable | : Yes/ no |
| 1.13. | Date of manufacture | : 1515 |

2./3. Test conditions/Test results

The extension has no negative influence to test results mentioned in approval with No.:E4-54R-0028982 Ext.01 and the relevant test report with No. 86-R54-3172/15-00 was issued by TÜV Rheinland Kraftfahrt GmbH. Therefore, the results are remaining valid

- | | | |
|----|----------------------------|--|
| 4. | Place and date of the test | : Shanghai, P.R. China
2020-06-18(yyyy-mm-dd) |
|----|----------------------------|--|

5. Comments and remarks

- | | | |
|-----|------------------------------------|-------------------------|
| 5.1 | Test results refer to measurements | : Pass/ Fail |
|-----|------------------------------------|-------------------------|





Auto Service

Test report No.: 20-00950-CX-SHA-00
Manufacturer: Xingyuan Tire Group Co., Ltd.
Type: 11.00R20 152/149K

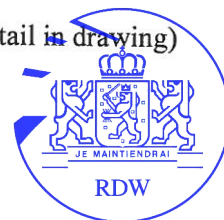
5.2 Remarks concerning extension : Not applicable



Information document No.: ECE-2020-XY001

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

- | | |
|---|---|
| 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: | |
| 2.1. Brand name(s)/trademark(s) | : HUALU; ANNAITE; GUOBAO; QIANGWEI;
GUANGDA; ANGUANGDA; HILO; AMBERSTONE;
BENTENG; GREMAX; AUFINE; <u>FULLRUN</u> ; <u>ANTYRE</u> |
| 2.2. Trade description (s)/Commercial name(s) | : 356; 358; 368; 386; GM358; GM386; AF186; <u>TB631</u> ;
<u>TB632</u> ; <u>TB913</u> |
| 3. If applicable, name and address of
manufacturer's representative | : Not applicable |
| 4. Summarized description: | |
| 4.1. Size of tyre | : 11.00R20 |
| 4.2. Category of use | : Normal/ snow /special |
| 4.2.1. For the tyre belonging to the category
of use "special use tyre" those which
bears the inscription M+S or M.S or
M&S. | : Not applicable |
| 4.2.2. For special use tyre | |
| -Professional Off-Road | : Yes /no |
| -Tread depth | : Not applicable |
| -Void to fill ratio | : Not applicable |
| 4.3. Structure | : Diagonal (bias ply) /radial |
| 4.4. Tyre class | : C2 /C3 |
| 4.5. Speed category symbol | |
| 4.5.1. Nominal | : K |
| 4.5.2. Additional (if applicable) | : Not applicable |
| 4.6. Load-capacity indexes | |
| 4.6.1. Corresponding to nominal speed | : Single 152 Twinned (dual) 149 |
| 4.6.2. Corresponding to additional speed | : Single --- Twinned (dual) --- |
| 5. The overall physically measured dimensions | : Annex 5/ Calculated |
| - Overall section width | : 286.3 |
| - Outer diameter | : 1090.5 |
| 6. Factor "X" | : Not applicable |
| 7. Rims on which the tyre can be mounted | : 8.0 |
| 8. Measuring rim and test rim | : See attached test report |
| 9. State whether the tyre is | : Tubeless /tube type |
| 10. Traction tyre | : Yes /no (see the tread pattern detail in drawing) |
| 11. The inflation pressure for the dimension
measurement and for the load/speed
endurance test pressure | : See attached test report |



Information document No.: ECE-2020-XY001

12. The tire side wall and tread pattern's

Drawing No.

: Not applicable

13. Extension reasons

: Additional trade mark and tread pattern

14. Date of the information document

: 2020-06-05

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.

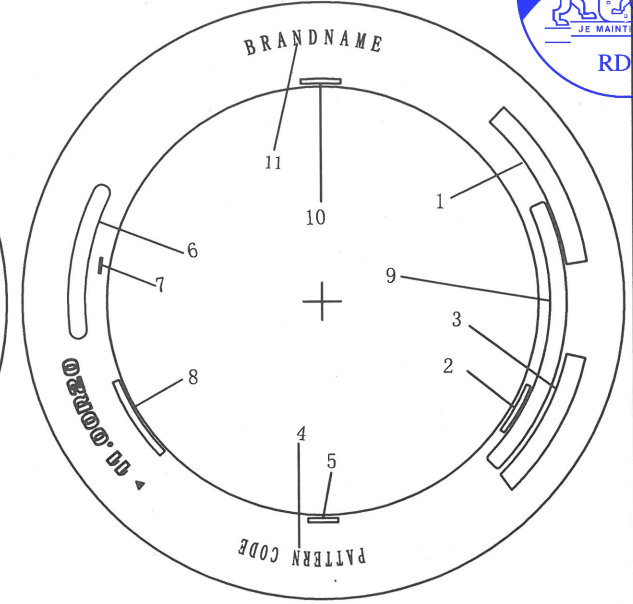
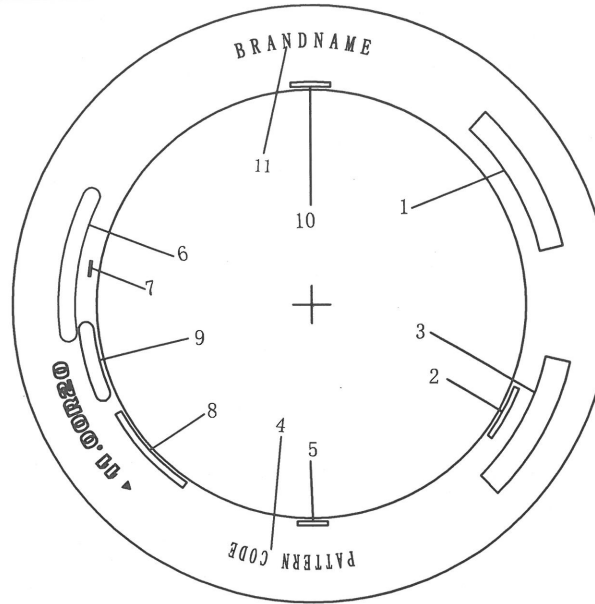
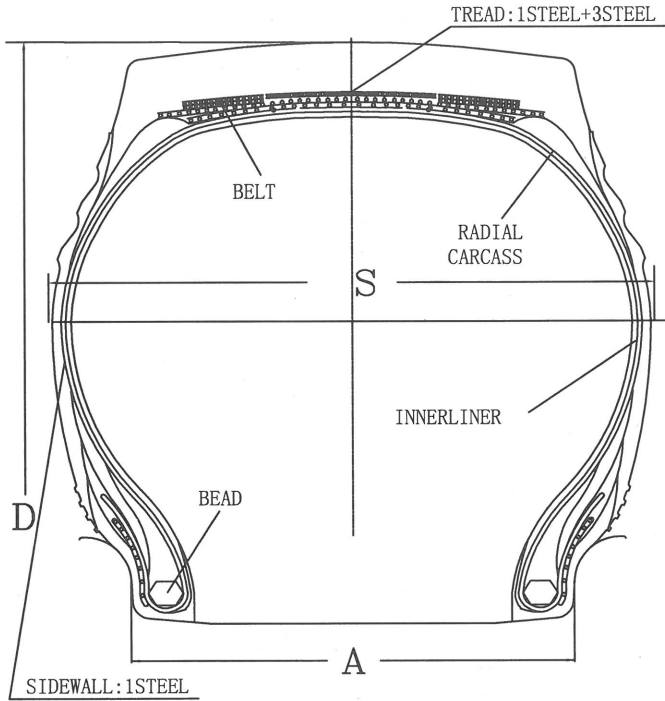
MANUFACTURER'S STAMP

SIGNATURE

Wang Liadua

NAME:





BOTTOM SIDEWALL

TOP SIDEWALL

	BOTTOM SIDEWALL		TOP SIDEWALL
1	ALL STEEL RADIAL TIRE REGROOVABLE	1	ALL STEEL RADIAL TIRE REGROOVABLE
2	STANDARD RIM 8.0	2	STANDARD RIM 8.0
3	WARNING:	3	WARNING:
4	REFER TO ATTACHMENT NO. 1	4	REFER TO ATTACHMENT NO. 1
5	TUBE TYPE	5	TUBE TYPE
6	152/149 K 18PR LOAD RANGE J PLIES:SIDEWALL 1 STEEL; TREAD 1 STEEL + 3 STEEL MAX LOAD SINGLE 3550 Kg(7830 LBS) AT 930 Kpa(135 PSI) COLD MAX LOAD DOUBLE 3250 Kg(7170 LBS) AT 930 Kpa(135 PSI) COLD	6	152/149 K 18PR LOAD RANGE J PLIES:SIDEWALL 1 STEEL; TREAD 1 STEEL + 3 STEEL MAX LOAD SINGLE 3550 Kg(7830 LBS) AT 930 Kpa(135 PSI) COLD MAX LOAD DOUBLE 3250 Kg(7170 LBS) AT 930 Kpa(135 PSI) COLD
7	***** (MOULD CODE)	7	***** (MOULD CODE)
8	DOT 66 EL BA11 ****(****---DATE CODE)	8	DOT 66 EL BA11 ****(****---DATE CODE)
9	(E4)*****	9	兴源轮胎集团有限公司/-
10	MADE IN CHINA	10	MADE IN CHINA
11	REFER TO ATTACHMENT NO. 1	11	REFER TO ATTACHMENT NO. 1

TREAD PATTERNS

REFER TO ATTACHMENT NO. 1

11.00R20	152/149	K	TT	1082	286	203.2	SEE TREAD PATTERNS
TIRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	D (mm)	S (mm)	A (mm)	SKID DEPTH (mm)

DRAWN BY	Wang Zhen	CHECKED BY	Zhang Zhenhua	APPROVED BY	Wang Xiaohua	XINGYUAN TIRE GROUP Co.,Ltd.
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ATTACHMENT NO. 1

TIRE SIZE 11.00R20 152/149 K

E4 *****

BRANDNAME

PATTERN CODES

TREAD PATTERNS

HUALU (BOTTOM SIDEWALL)



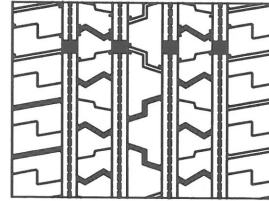
(TOP SIDEWALL)

356

358

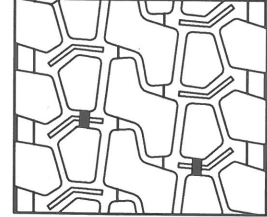
368

386



356 TB631

SKID DEPTH: 14.8mm



358 GM358

SKID DEPTH: 18.5mm

ANNAITE (BOTTOM SIDEWALL)



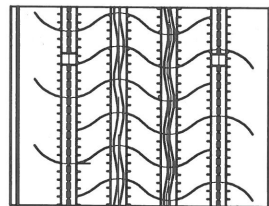
(TOP SIDEWALL)

356

358

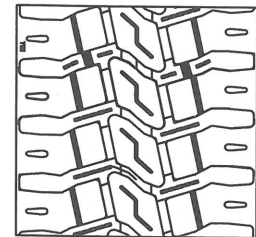
368

386



368 TB632

SKID DEPTH: 14.8mm



386 GM386 AF186 TB913

SKID DEPTH: 20.5mm

GUOBAO (BOTTOM SIDEWALL)



(TOP SIDEWALL)

356

358

368

386

HILO

356

358

368

386

QIANGWEI (BOTTOM SIDEWALL)



(TOP SIDEWALL)

356

358

368

386

GUANGDA (BOTTOM SIDEWALL)



(TOP SIDEWALL)

356

358

368

386

ANGUANGDA (BOTTOM SIDEWALL)



(TOP SIDEWALL)

356

358

368

386

BENTENG (BOTTOM SIDEWALL)



(TOP SIDEWALL)

356

358

368

386

AMBERSTONE

356

358

368

386

GREMAX

GM358

GM386

AUFINE

AF186

FULLRUN

TB631

TB632

TB913

ANTYRE

TB631

TB632

TB913

