

THE NETHERLANDS
(N E D E R L A N D)Concerning ⁽¹⁾

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- ~~approval withdrawn~~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

of a type of tyre for motor vehicles pursuant to Regulation number 30.

Approval number: E4-30R-0288413**Extension number: 02**

1. Manufacturer's name and address : Sailun Jinyu Group CO., LTD
NO.588 Maoshan Road, Huangdao District,
Shandong Province, 266555 Qingdao City,
China(PRC)
2. Tyre type designation⁽²⁾
 - 2.1. Brand-name(s)/trademark(s) : ROVELO; EVERGREEN; SAILUN
 - 2.2. Trade description(s)/Commercial name(s) : ROAD QUEST H/T; DYNACOMFORT ES83; ATREZZO ZSR SUV
3. If applicable, name and address of the manufacturer's representative : Not applicable
4. Summarised description
 - 4.1. Tyre size designation : 235/55R18
 - 4.2. Category of use : normal/ ~~snow~~/ ~~special use~~ / ~~temporary use~~ ⁽¹⁾
 - 4.3. Structure : ~~diagonal~~ / ~~bias belted~~/ radial/ ~~run flat tyre~~ ⁽¹⁾
 - 4.4. Speed category symbol : V
 - 4.5. Load-capacity index : 100

Approval number: E4-30R-0288413

Extension number: 02

5. Technical service and, where applicable, test laboratory approved for purposes of approval or of verification of conformity : TÜV Rheinland Kraftfahrt GmbH
Am Grauen Stein
D-51101 Köln
Germany
6. Date of report issued by that service : 2019-02-28
7. Number of report issued by that service : 86-R30-0846/19-00
8. Reason(s) of extension (if applicable) : Update of tyre type designation(s)
Addition of brand name "SAILUN" and tyre type designation
"ATREZZO ZSR SUV"
9. Any remarks : Not applicable
10. Place : Zoetermeer
11. Date : 28-March-2019
12. Signature :


P. Lingsma

13. The list of documents in the approval file which are 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 30.
 - 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 OF A TYPE OF PNEUMATIC TYRE FOR TYRES FOR MOTOR VEHICLES AND THEIR TRAILERS ACCORDING TO ECE REGULATION No. 30, 02 SERIES OF AMENDMENTS, SUPPLEMENT 20

4.1	Name and address of manufacturer (applicant)	:	Sailun Jinyu Group CO., LTD NO.588 Maoshan Road, Huangdao District, Shandong Province, 266555 Qingdao City, China(PRC)
	Name and address of branch office of designated technical service (manufacturers duly accredited representative)	:	TÜV Rheinland / CCIC (Qingdao) Co., Ltd. 6F, No.2 Bldg., No. 175, Zhuzhou Rd., Qingdao 266101 P.R. China
4.1.1	Tyre size designation	:	235/55R18
4.1.2.1	Brand-name(s) / trademark(s)	:	ROVELO, EVERGREEN, SAILUN
4.1.2.2	Trade description(s) / commercial name(s)	:	ROAD QUEST H/T, DYNACOMFORT ES83, ATREZZO ZSR SUV
4.1.3	Category of use	:	Normal
4.1.4	Structure	:	Radial
4.1.5	Speed category symbol	:	V
4.1.6	Load capacity index	:	100
4.1.7	Tubeless	:	Y
4.1.8	Standard / reinforced / T-type temporary use	:	Standard
4.1.9	Ply-rating number of diagonal (bias-ply) tyres	:	N.A.
4.1.10	Overall dimensions		
	Overall section width	:	242.3 mm
	Outer diameter	:	715.9 mm
4.1.11	Rims on which the tyre can be mounted	:	7.50 inch
4.1.12	Measuring rim	:	7.50 inch
	Test rim	:	7.50 inch
4.1.13	Test inflation pressure if different from those given under Annex 7 paragraph 1.2	:	N.A.
4.1.14	Factor 'x'	:	0.70
4.1.15	Maximum speed and the load carrying capacity allowed for that maximum speed in case of speeds in excess of 300 km/h	:	N.A.
4.1.16	Bead retention identification for the "flat tyre running mode" of "run flat tyres"	:	N.A.
4.2	The application for approval is accompanied by drawings or images of		
	1. The tyre tread pattern	:	Y
	2. Envelope of the inflated tyre mounted on the measuring rim, showing the relevant dimensions (see paragraphs 6.1.1 and 6.1.2)	:	Y
	3. The side wall showing the relevant markings	:	Y
4.4	Reference to Worst-case tyre has been made for the load-speed test. The worst case tyre selection criteria can be obtained from the approval authority.	:	N



Reason(s) of extension : Update of tyre type designation(s);
Addition of brand name "SAILUN" and tyre type designation
"ATREZZO ZSR SUV"

The applicant, as defined in article in 4.1, declares that:

- This application is in compliance with the scope as defined in chapter 1 of the regulation.
- All data for this application are unambiguously and truthfully given.
- This application has been submitted by the duly accredited representative of the manufacturer per art 4.1 of the regulation. The underlying statement to submit on behalf of the manufacturer can be presented upon request.
- The type approval application for the subject component is submitted only at RDW as Contracting party pursuant to this UN regulation.

Company : TÜV Rheinland / CCIC (Qingdao) Co., Ltd.
Name of person responsible for the submitted application data : Xin.Liu
Function of above mentioned authorised person : Project Engineer
E-mail address of above mentioned authorised person : Xin.Liu@tuv.com
Place of submission : Qingdao
Submitted for approval on (date) : 13/03/2019 15:27:44
Reference id of the application given by the applicant : 2555360119



Test report data delivered by the designated technical service or its laboratory/branch office responsible for conducting the approval tests

Tested in accordance to ECE regulation no. 30, 02 series of amendments, supplement 20

Test reports	:	<table border="1"> <thead> <tr> <th>Date</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>2019-02-28</td> <td>86-R30-0846/19-00</td> </tr> </tbody> </table>	Date	Reference	2019-02-28	86-R30-0846/19-00
Date	Reference					
2019-02-28	86-R30-0846/19-00					
Name and address of designated technical service	:	TÜV Rheinland Kraftfahrt GmbH Am Grauen Stein D-51101 Köln Germany				
Name and address of branch office of designated technical service	:	TÜV Rheinland / CCIC (Qingdao) Co., Ltd. 6F, No.2 Bldg., No. 175, Zhuzhou Rd., Qingdao 266101 P.R. China				
Tyre size designation	:	235/55R18				
Brand-name(s) / trademark(s)	:	ROVELO, EVERGREEN, SAILUN				
Trade description(s) / commercial name(s)	:	ROAD QUEST H/T, DYNACOMFORT ES83, ATREZZO ZSR SUV				
Category of use	:	Normal				
Structure	:	Radial				
Speed category symbol	:	V				
Load capacity index	:	100				
Protective rib	:	N				
Tubeless	:	Y				
Standard / reinforced / T-type temporary use	:	Standard				
Ply-rating number of diagonal (bias-ply) tyres	:	N.A.				
Factor 'x'	:	0.70				
Maximum speed for speed symbol Y for load rating determination (art. 2.37.6)	:	N.A.				
Tread-wear indicators	:					
Height of lowest tread-wear indicator	:	1.89 mm				
Height of tallest tread-wear indicator	:	2.03 mm				
Number of transverse rows of wear indicators	:	6				
Special use tread pattern features	:	N.A.				



1 Test data

1.1 MEASURING DATA (ACCORDING TO ANNEX 6)

1.1.1	Measuring rim width	:	7.50 inch
1.1.2	Conditioning		
	Mounting pressure	:	3.0 bar
	Adjusted pressure	:	1.8 bar
	Conditioning time	:	24 hrs
	Test room temperature	:	26.0 °C
	Readjusted pressure	:	1.8 bar
1.1.3	Measurements		
	Overall width measured	:	242.3 mm
	Calculated outer diameter	:	715.9 mm
1.1.4	Plies of tyre subject for type approval	:	N.A.

1.2 LOAD SPEED PERFORMANCE TEST (ACCORDING TO ANNEX 7)

1.2.1	Reference is made to a worst case tyre out of the tyre range	:	N
1.2.2	Test setup		
	Test drum diameter	:	1.70 m
	Test rim width	:	7.50 inch
	Test axle load	:	582.4 kg
1.2.3	Conditioning		
	Test inflation pressure	:	3.0 bar
	The test inflation pressure differs from those given under Annex 7 paragraph 1.2	:	N
	Conditioning time	:	3 hrs
	Test room temperature	:	26.0 deg. C
	Readjusted pressure	:	3.0 bar
1.2.4	Outer diameter before test	:	717.20 mm
1.2.5	Test procedure		
	Time from zero to initial test speed	:	10 min
	Test steps	:	

Step	Duration (min)	Speed (km/h)
1.	10	200
2.	10	210
3.	10	220
4.	20	230

1.2.6	Test results		
	Traces of tread separation, ply separation, cord separation, chunking or broken cords after the load/speed test	:	N
	Conditioning time after test	:	6 hrs
	Calculated outer diameter of measured circumference after test	:	721.00 mm
	Change in outer diameter after test	:	0.53 %



2	TYRE MARKINGS	STATEMENT
2.1	Brand name or trade mark	: Marked
2.2	Trade description / commercial name	: Marked
2.3	Date of manufacture	: Marked
	- character height \geq 4 mm	: Y
2.4	Upper side wall markings	
	"TEMPORARY USE ONLY"	: N.A.
	"INFLATE TO 420kPa (60 psi)"	: N.A.
2.5	Lower side wall markings	
	Approval mark in accordance to article 3.2, 3.4, 5.4 and Annex 2	: Y
	Tyre structure letter code	: R
	Tyre to rim fitment code	: N.A.
	Service description	
	- marked within brackets	: N.A.
	- immediately after tyre size designation	: Y
	- character height \geq 6mm	: Y
	"RADIAL"	: Marked
	- character height \geq 4 mm	: Y
	"B" and "BIAS BELTED"	: N.A.
	"TUBELESS"	: Marked
	- character height \geq 4 mm	: Y
	Run flat symbol	: N.A.
	"REINFORCED" or "EXTRA LOAD"	: N.A.
	"M+S"/"M.S"/"M&S"	: N.A.
	"ET"	: N.A.
	"POR"	: N.A.
	Location of the applicable mandatory markings	: In lower area
	Symmetrical tyres marked on both sidewalls	: Y
	Asymmetrical tyres marked at least on the outer tyre side wall	: Y

3 Nominal envelop dimensions of the inflated tyre mounted on the measuring rim

S	: 245 mm
D	: 715 mm
A	: 190.5 mm



APPENDIX 1. CONSTRUCTION IMAGE

1	SAILUN	7	DOT CODE
2	ATREZZO ZSR SUV	8	STANDARD RIM: 7 1/2J
3	STEEL BELTED RADIAL	9	MADE IN CHINA
4	235/55R18 100V	10	(XXXX)DATE CODE
5	TREAD : 2 POLYESTER+2 STEEL+1 NYLON SIDEWALL: 2 POLYESTER	11	TUBELESS
6	MAX. LOAD 800kg (1764LBS) MAX. PRESSURE 300 kPa (44 PSI)	12	
		13	
		14	

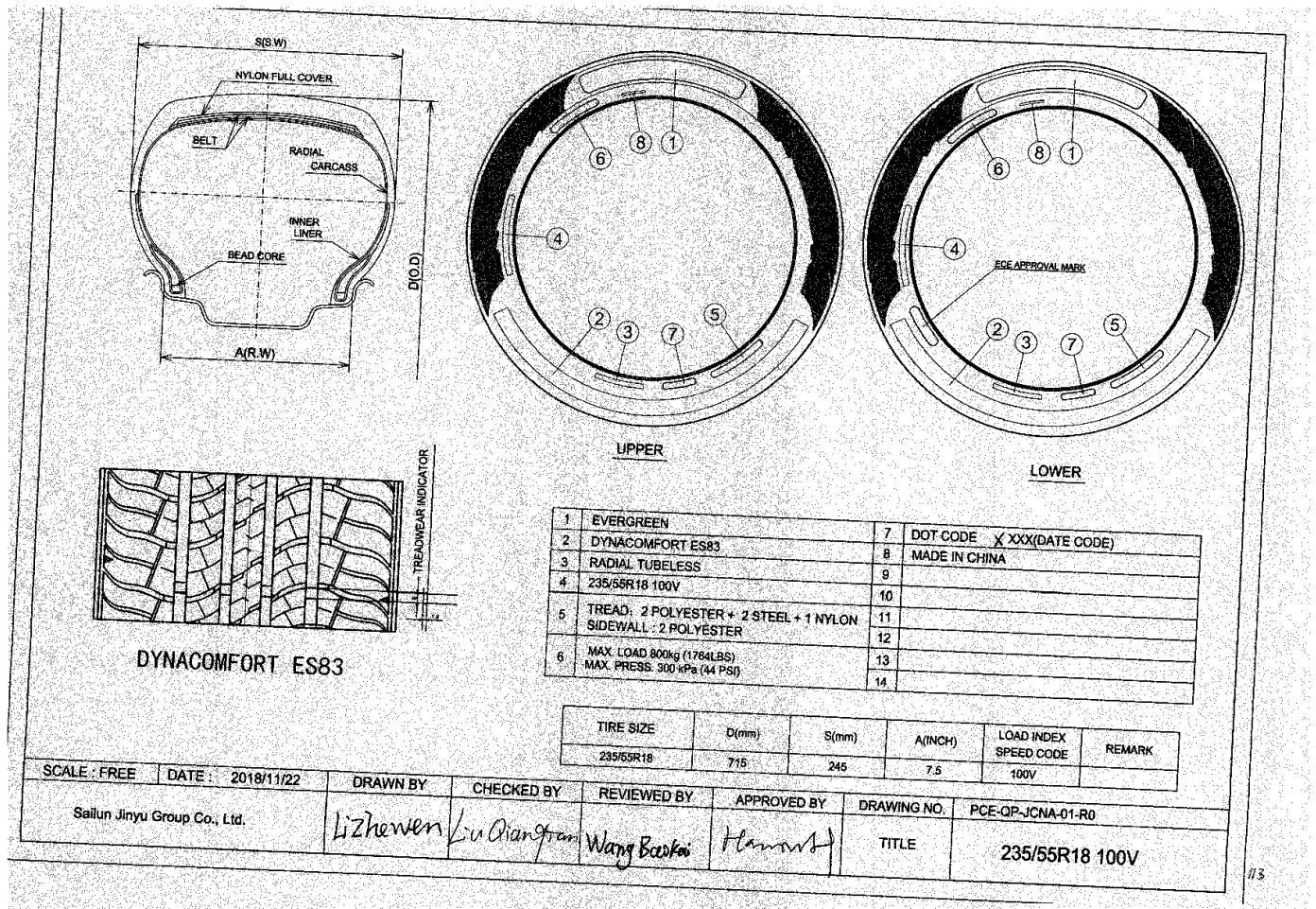
TIRE SIZE	D(mm)	S(mm)	A(INCH)	LOAD INDEX SPEED CODE	REMARK
235/55R18	715	245	7.5	100V	--

ATREZZO ZSR SUV

SCALE : FREE	DATE : 2018/12/19	DRAWN BY	CHECKED BY	REVIEWED BY	APPROVED BY	DRAWING NO.	PCE-QP-JCLY-01-R0
Sailun Jinyu Group Co., Ltd.		Zhongyong	Wangyuan	Ni Pan	Wangyuan	TITLE	235/55R18 100V



APPENDIX 2. CONSTRUCTION IMAGE



APPENDIX 3. CONSTRUCTION IMAGE

1	TREADWEAR 420 TRACTION A TEMPERATURE A	6	TREAD : 2POLYESTER+2STEEL+1NYLON
2	MAX. LOAD 800kg (1764LBS) MAX. PRESS 300kPa (44PSI)	7	DOT 53 LX V17 XXXX (DATE CODE)
3	MADE IN CHINA	8	RADIAL TUBELESS
4	ROVELO	9	ROAD QUEST H/T
5	SAFETY WARNING	10	235/55R18 100V
		11	INMETRO MARK

TIRE SIZE	D(mm)	S(mm)	A(INCH)	LOAD INDEX	SPEED CODE	REMARK
235/55R18	715	245	7.5	100V		

SCALE : FREE	DATE : 16/04/27	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NO.	E4-LX V17
Sailun Group Co.,Ltd.	-		Wang An	Wang Daikua	Yang Wenlong	TITLE	235/55R18 100V

