



INSTITUT GUMÁRENSKÉ TECHNOLOGIE A TESTOVÁNÍ, A.S.
RUBBER TECHNOLOGY AND TESTING INSTITUTE, Plc.
INSTITUT FÜR GUMMITECHNOLOGIE UND PRÜFWESEN, A.G.
A.O. «ИНСТИТУТ ТЕХНОЛОГИИ РЕЗИНЫ И ИСПЫТАНИЙ»

Společnost je zapsána v obchodním rejstříku vedeném Krajským soudem v Brně, oddíl B, vložka 818



PETLAS TIRE INDUSTRY
AND TRADE COMPANY
Kirsehir-Kayseri Devlet Yolu Üzeri
Göhlisar Mevkii 7.KM
40200 Kirsehir
TURKEY

0 0 2 0 6 4

Zlín 3rd April 2015

Re

Communication concerning the approval and notification of approval number


Enclosed you will find the Communication concerning the approval of your tyres according To ECE Regulation No. **54**

On the base of this approval you are entitled to produce in your factory tyres of the dimension :

235/75R17.5 PETLAS PROGREN NH100 143/141J (144/144F) TL

with the approval number : **E8 002064**

Sincerely yours


IGTT a.s.
Tyre Approval Department
Šternberská 446, Louky
763 02 Zlín, Czech Republic
IČ/O: 46900080 DIČ/VAT: CZ46900080 

Petr Husták, Ph.D.
Tyre Approval Department Head

Ministerstvo dopravy České republiky
Ministry of Transport of the Czech Republic
Nábřeží L. Svobody 12, CZ-110 15 Praha 1

OSVĚDČENÍ o : 1/

COMMUNICATION concerning : 1/



UDĚLENÍ HOMOLOGACE
ROZŠÍŘENÍ HOMOLOGACE
ZAMÍTNUTÍ HOMOLOGACE
ODEBRÁNÍ HOMOLOGACE
DEFINITIVNÍM UKONČENÍ VÝROBY

APPROVAL GRANTED
APPROVAL EXTENDED
APPROVAL REFUSED
APPROVAL WITHDRAWN
PRODUCTION DEFINITELY DISCONTINUED

**Typu pneumatiky pro motorová vozidla a jejich přípojná vozidla podle Předpisu č. 54
of a type of pneumatic tyre for motor vehicles and their trailers pursuant to Regulation
No. 54**

Homologace č.:

Rozšíření č.: -

Approval No.: **0 0 2 0 6 4**

Extension No.: **N/A**

1. Obchodní název nebo značka pneumatiky :
Manufacturer's name or trade mark (s)
on the tyre type : **PETLAS**
2. Označení typu pneumatiky výrobcem :
Tyre type designation by the manufacturer : **PROGREEN NH100
235/75 R 17.5 143/141J (144/144F) TL**
3. Název a adresa výrobce :
Manufacturer's name and address : **PETLAS TIRE INDUSTRY
AND TRADE COMPANY
Kirsehir - Kayseri Devlet Yolu Üzeri
Göhlisar Mevkii 7.KM
40200 Kirsehir
TURKEY**
4. Název a adresa zástupce výrobce
(je-li potřebné) :
If applicable, name and adress of
manufacturer's representative : **-
N/A**
5. Souhrnný popis
Sumarized description
- 5.1. Označení rozměru pláště :
Tyre size designation : **235/75 R 17.5**
- 5.2. Kategorie užití :
Category of use : **normální / speciální / zimní /
ordinary / special / snow / 1/**
- 5.3. Konstrukce :
Structure : **diagonální / radiální /
diagonal / radial / 1/**
- 5.4. Třída pneumatiky :
Tyre class : **E2 / C3 1/**
- 5.5. Kategorie rychlosti
Speed category symbol
- 5.5.1. Nominální :
Nominal : **-
J**



- 5.5.2. Doplnková (je-li potřebné) : -
 Additional (if applicable) : F
- 5.6. Indexy nosnosti
 Load capacity index
- 5.6.1. Odpovídající nominální rychlosti : v jednomontáži 143 ve dvojmontáži 141
 Corresponding to nominal speed : single - twinned (dual) -
- 5.6.2. Odpovídající doplňkové rychlosti : v jednomontáži 144 ve dvojmontáži 144
 Corresponding to nominal speed : single - twinned (dual) -

6. Homologační zkušebna a případně zkušební laboratoř schválená pro účely homologace nebo pro ověřování shodnosti : IGTT a. s. - Institut gumárenské technologie a testování
 Technical service and where applicable, test laboratory additional approved purposes of approval or of verification of conformity : Rubber Technology and Testing Institute, Šternberská 446, Louky, 763 02 ZLÍN, CZECH REPUBLIC

7. Datum protokolu, vydaného touto zkušebnou :
 Date of report issued by that service : 03.04.2015

8. Číslo protokolu, vydaného touto zkušebnou :
 Number of report issued by that service : 54/2064

9. Důvod pro rozšíření (je-li potřebné) :
 Reason (s) of extension (if applicable) : -

10. Poznámky :
 Any remarks : -

11. Místo : Praha
 Place :

12. Datum : 03.04.2015
 Date :

13. Podpis :
 Signature : Marek B r á z d a

14. K osvědčení je přiložen seznam dokumentů obsažených v homologačních podkladech uložených u homologačního orgánu, který udělil homologaci, a které lze obdržet na vyžádání.

Annexed to this communication is a list of documents in the approval file deposited at the Approval Authority which has considered this approval and which can be obtained upon request.

Seznam dokumentů

List of documents

- 1 + 1 výkresy bočnice a běhounu pláště
 drawing of the tyre sidewalls and tread
 1 kótovaný výkres příčného řezu pláště
 dimensioned drawing of tyre cross - section



1/ Nehodící se škrtněte
 Delete that which does not apply



IGT
ČS. ZLÍN
 Šternberská 446
 763 02 Zlín, CZ

TYRE TEST REPORT

APPROVAL
 ECE Regulation No. 54

E8 002064
 Approval No.


 Sign

3.4.2015
 Date

54/2064
 Report No.

Size
235/75R17.5

Trade name, tyre name
PETLAS NH100

Manufacturer: PETLAS, Turkey

TT/TL: **TL** SC: **J** Date of manufacture: **3315**
 LCI: **143/141** Norm./Spec./M+S: **Normal**

Result of the test

The tyre passed all tests according to ECE No. 54

PASSED

Markings

Sidewall: E8 002064 e8 000160-S
 235/75R17.5 PETLAS NH100 PROGREEN 143/141J (144/144F) ALL STEEL
 TUBELESS FRT REGROOVABLE RADIAL LR H DOT 8S NH 70404 3315
 MAX LOAD SINGLE 2725kg (6005lbs) AT 875kPa (127PSI) COLD
 MAX LOAD DUAL 2575kg (5675lbs) AT 875kPa (127PSI) COLD
 PLYS: SIDEWALL 1 STEEL - TREAD 4 STEEL
 MADE IN TURKEY SAFETY WARNING..... www.petlas.com.tr

| | Min. | Measured | | Min. | Measured |
|--------|------|----------|----------------------|------|----------|
| Circle | 12mm | 12 mm | Size d<20", S<=235mm | 6mm | 15 mm |
| "E" | 6mm | 6 mm | d>=20", S>235mm | | |
| "8" | 4mm | 4 mm | TT, TL, Date | 4mm | 6 mm |
| "PSI" | 2mm | 3 mm | LCI SC | 6mm | 6 mm |

Tyre dimensions measurement

| Width | Test rim: | 6.75x17.5 | | Test inflation: | 880 kPa | |
|-------|-----------|------------------|----|-----------------|----------------|--------|
| | 1: | 240 mm | 2: | 240 mm | 3: | 239 mm |
| | 4: | 240 mm | 5: | 240 mm | 6: | 239 mm |

Conditioned 24hours, 20-30°C

Maximum circumference:

Circumference: **2510 mm**

Results

| | | | | Prescribed | Measured |
|--------|------|-------|----------|---|----------|
| Rad | +4% | +2% | Pro dual | Over-all width ECE No.54 S | 233 mm |
| Diag. | +8% | +4% | S>305mm | Max.over-all width S+4% = S _{max} | 242 mm |
| a=0,97 | Rad. | Diag. | M+S | Outer diameter D | 797 mm |
| bNorm= | 1,04 | 1,07 | +1% | Max tyre diameter d+b(D-d) = D _{max} | 811 mm |
| bSpec= | 1,06 | 1,09 | +1% | Min tyre diameter d+a(D-d) = D _{min} | 786 mm |

Comments Without any comments.


IGT
a.s. ZLÍN

 Šternberská 446
 763 02 Zlín, CZ

LOAD SPEED ENDURANCE TEST

ECE No.54

54/2064

Report No.

E8 002064

Approval No.

 Size
235/75R17.5

 Trade name, tyre name
PETLAS NH100

 TT/TL: **TL**
 LCI: **143/141**
 SC: **J**
 Temp./Norm./M+S: **Normal**

 Date of manufacture.: **3315**
Conditions of the test

| | |
|----------------------------------|--------------------------|
| Test drum: | Ø 1707mm |
| Test rim: | 6.75x17.5 |
| Test inflation: | 880 kPa |
| Ambient temperature | 38±3 °C |
| Max.speed for SC: | J ≈ 100 km/h |
| Max. load corresponding to LI: | 143/141 ≈ 2725 kg |
| Test speed : Normal*M+S*Special: | 48 km/h |

Test procedure

| Step | Step time | Load | Test load | Date | Time | Comments |
|------------------|-----------|-------|-----------|----------------|--------------|-----------|
| 1 | 7 hours | 66 % | 1764 daN | 13.3.15 | 14:06 | |
| 2 | 16 hours | 84 % | 2245 daN | 13.3.15 | 21:06 | |
| 3 | 24 hours | 101 % | 2699 daN | 14.3.15 | 13:06 | OK |
| Finished: | | | | 15.3.15 | 13:06 | OK |

Test result

| | | |
|-------------------------------------|---------------------|-------------------------------|
| Outer diameter | Before test: | Ø = 799 mm |
| | 6 hours after test: | Ø = 803 mm |
| Diameter difference after the test: | | 0,5 % Tolerance ± 3,5% |

Comments

 Tyre passed the endurance test according to ECE No.54.
 Ambient temperature was agreed with tyre manufacturer.



Šternberská 446
763 02 Zlín, CZ

LOAD SPEED ENDURANCE TEST

ECE No.54

54/2064

Report No.

E8 002064

Approval No.

Size
235/75R17.5

Trade name, tyre name
PETLAS NH100

TT/TL: **TL**
LCI: **144/144**
SC: **F**
Temp./Norm./M+S: **Normal**

Date of manufacture.: **3315**

Conditions of the test

| | |
|----------------------------------|--------------------------|
| Test drum: | Ø 1707mm |
| Test rim: | 6.75x17.5 |
| Test inflation: | 880 kPa |
| Ambient temperature | 38±3 °C |
| Max. speed for SC: | F ≈ 80 km/h |
| Max. load corresponding to LI: | 144/144 ≈ 2800 kg |
| Test speed : Normal*M+S*Special: | 32 km/h |

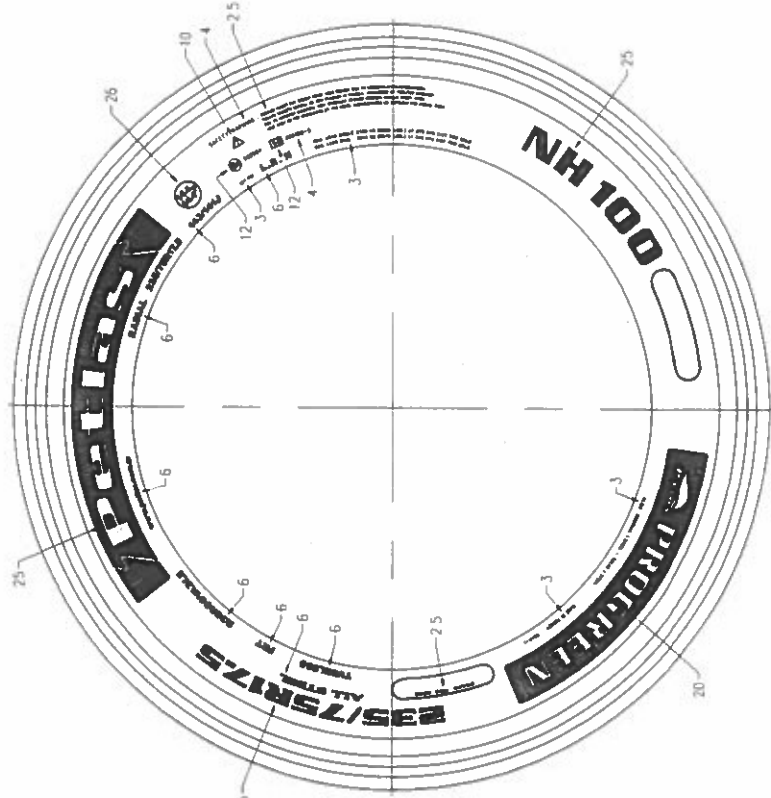
Test procedure

| Step | Step time | Load | Test load | Date | Time | Comments |
|-----------|-----------|-------|-----------|--------|-------|----------|
| 1 | 7 hours | 66 % | 1812 daN | 1.4.15 | 10:11 | |
| 2 | 16 hours | 84 % | 2307 daN | 1.4.15 | 17:11 | |
| 3 | 24 hours | 101 % | 2773 daN | 2.4.15 | 9:11 | OK |
| Finished: | | | | 3.4.15 | 9:11 | OK |

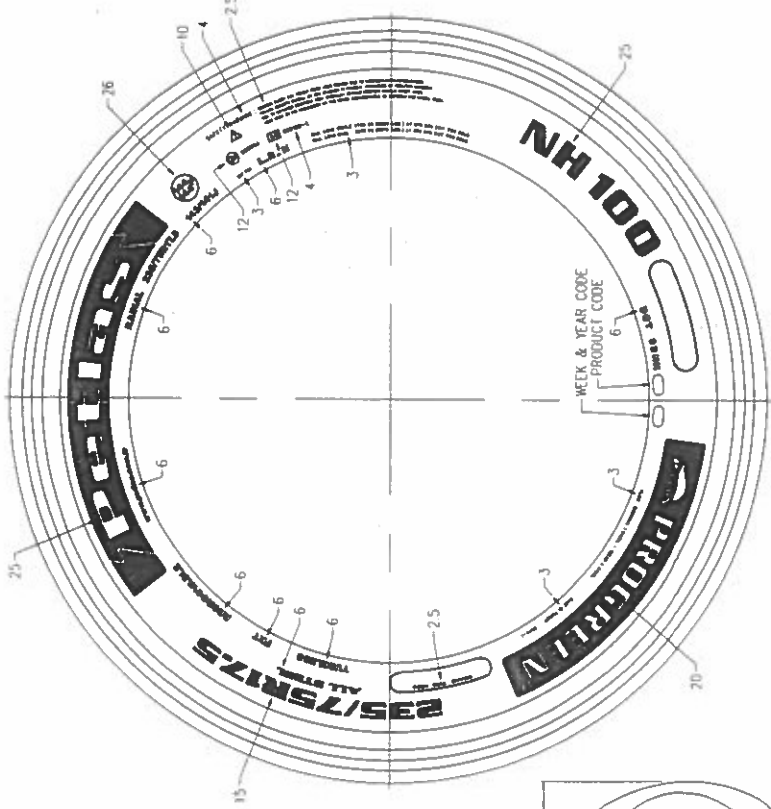
Test result

| | | |
|-------------------------------------|---------------------|-------------------------------|
| Outer diameter | Before test: | Ø = 799 mm |
| | 6 hours after test: | Ø = 802 mm |
| Diameter difference after the test: | | 0,4 % Tolerance ± 3,5% |

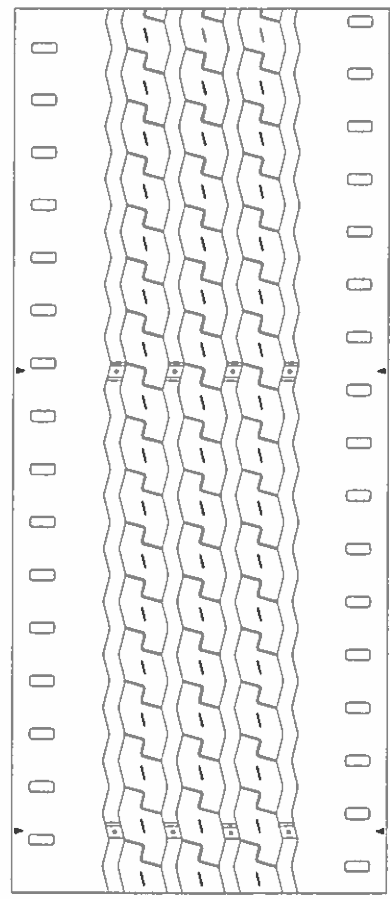
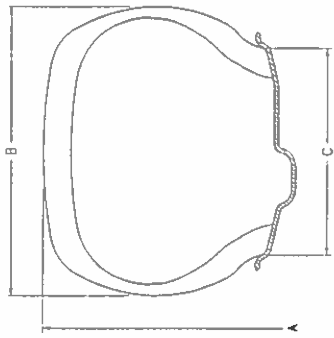
| | |
|-----------------|--|
| Comments | Tyre passed the endurance test according to ECE No.54. Ambient temperature was agreed with tyre manufacturer. |
|-----------------|--|



FRONT
TOP SIDEWALL



FRONT
BOTTOM SIDEWALL



| | | | | | | | | | |
|----------------------------|-----------------------------|--|--------------|--------------------------|---------------------------|-------|------|--------|----|
| J (F) | 235/75R17.5 | 143/141 (144/144) | - | X | 797 | 233 | 6.75 | 002064 | - |
| J (F) | 235/75R17.5 | 143/141 (144/144) | - | X | 797 | 233 | 6.75 | 002064 | - |
| HRZ SNIPI (SPEED CAT.) | LASTIK EBADI (TIRE SIZE) | YUK KAPASITE INDEXES (LOAD CAP INDEX) | TP (TYPE) | C LASTIK / (TUBETYPE) | C LASTIK/SZ (TUBELESS) | A B C | mm | mm | mm |
| OMAY NO. (APPROVAL NO.) | mm | mm | mm | mm | mm | mm | mm | mm | mm |
| EB | R-54 | APRILAMA (REMARKS) | | | | | | | |

| | | | | | |
|-----------------------------|---------|----------------------------|-------------|-------------------|--|
| SIRT DESEHI (TREAD PATTERN) | NH100 | RESEM NO. (DRAWING NO.) | PKT-12944-1 | KONTROL (CHECKED) | |
| SIRT (TREAD) | 4 STEEL | TARIH (DATE) | 22.09.2015 | DESAIN (DRAWN) | |
| YANAK (SIDEWALL) | 1 STEEL | | | REVISI | |