



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
Kindam Mah.
Ankara-Kayseri Cad No: 2/1
40200 Kirsehir
TURKEY

E8*54R00/23*2917*00

Zlín 23th June 2020

Communication concerning the approval and notification of approval number – inspection report

Tyre type fully complies requirements of ECE/UN R54.

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

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

275/70R22.5 PETLAS SU500 150/148J

with the approval number : **E8*54R00/23*2917*00**
date of inspection : **23th June 2020**

Sincerely yours,



Václav Hořelka
Head Of Tyre Approval Department
Head Of Inspection Body HS440

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~~APPROVAL WITHDRAWN~~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 podle Předpisu č. 54
Of a type of tyre for motor vehicles to Regulation No. 54

Homologace č.:

Approval No.: **E8*54R00/23*2917*00**

Rozšíření č.:

Extension No.: -

- | | | | |
|--------|---|---|---|
| 1. | Název a adresa výrobce
Manufacturer's name and address | : | PETLAS TIRE INDUSTRY
AND TRADE COMPANY
Kindam Mah.
Ankara-Kayseri Cad. No.2/1
40200 Kirsehir, TURKEY |
| 2. | Označení typu pneumatiky
Tyre type designation | : | SU500 |
| 2.1. | Značka / obchodní značka
Brand name(s)/trademark(s) | : | PETLAS |
| 2.2. | Obchodní popis / obchodní jméno
Trade description(s)/ Commercial name(s) | : | - |
| 3. | Název a adresa zástupce výrobce
(je-li potřebné)
If applicable, name and adress of
manufacturer's representative | : | -

N/A |
| 4. | Souhrnný popis
Sumarized description | : | |
| 4.1. | Označení rozměru pláště
Tyre size designation | : | 275/70R22.5 |
| 4.2. | Kategorie užití
Category of use | : | normální / zimní / speciální /
normal / snow / special / <u>1/</u> |
| 4.3. | Konstrukce
Structure | : | diagonální / radiální /
diagonal / radial / <u>1/</u> |
| 4.4. | Třída pneumatiky
Tyre class | : | C2 / C3 <u>1/</u> |
| 4.5. | Kategorie rychlosti
Speed category symbol | : | |
| 4.5.1. | Nominální
Nominal | : | J |
| 4.5.2. | Doplňková (je-li potřebné)
Additional (if applicable) | : | - |



- 4.6. Indexy nosnosti
Load capacity index
- 4.6.1. Odpovídající nominální rychlosti : v jednomontáži 150 ve dvojmontáži 148
Corresponding to nominal speed : single twinned (dual)
- 4.6.2. Odpovídající doplňkové rychlosti : v jednomontáži - ve dvojmontáži -
Corresponding to additional speed : single twinned (dual)
5. Homologační zkušebna a případně IGTT a.s. - Rubber Technology and
zkušební laboratoř schválená pro Testing Institute
účely homologace nebo pro ověřování : Šternberská 446, Louky, 763 02 Zlín
shodnosti CZECH REPUBLIC
Technical service and where
applicable, test laboratory additional
approved purposes of approval or of
verification of conformity :
6. Datum protokolu, vydaného touto :
zkušebnou :
Date of report issued by that service : 12.05.2020
7. Číslo protokolu, vydaného touto :
zkušebnou :
Number of report issued by that service : D020-1148
8. Důvod pro rozšíření (je-li potřebné) :
Reason (s) of extension (if applicable) : -
9. Poznámky :
Any remarks : -
10. Místo : Praha
Place :
11. Datum : 23.06.2020
Date :
12. Podpis :
Signature : Václav Hořelka
13. 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
- žádost o homologaci / application for approval
- výkresy bočnice a běhounu pláště, kótovaný výkres příčného řezu pláště
- drawing of the tyre sidewalls and tread, dimensioned drawing of tyre cross - section

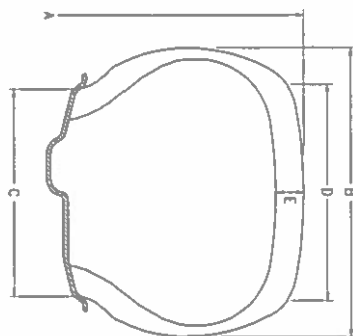


1/ Nehodící se škrtněte
Delete that which does not apply

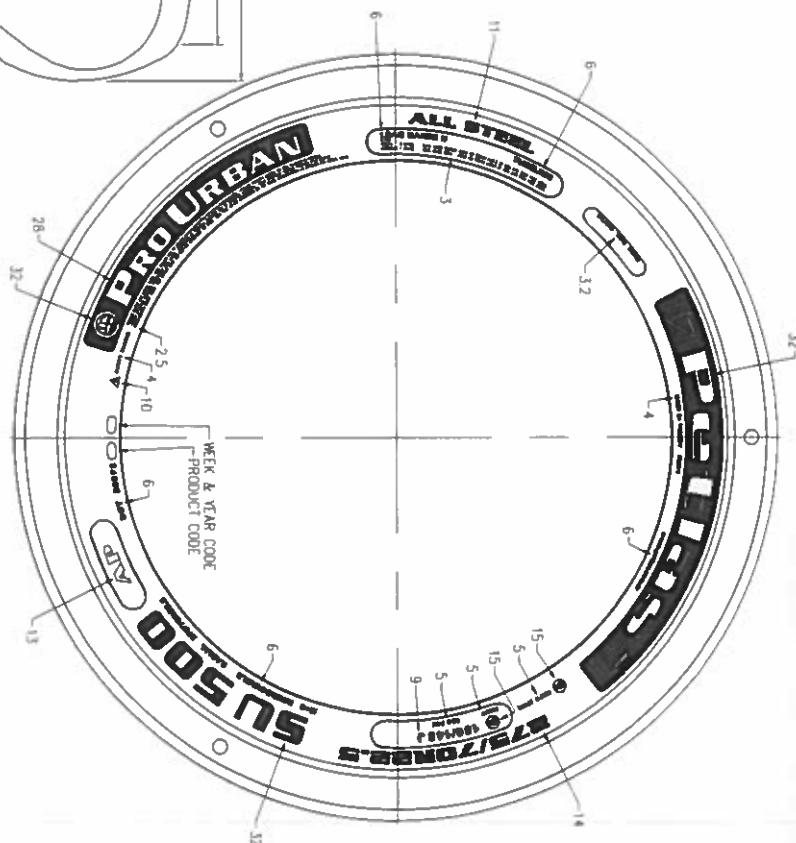
APPLICATION FOR APPROVAL ECE No. 54

4.1.1	Tyre-size designation	: 275/70 R22,5	
4.1.2	The manufacturer's name	: PETLAS TIRE INDUSTRY AND TRADE COMPANY	
4.1.2.1	The Brand name(s)/trademark(s)	: STARMAXX	
4.1.2.2	The trade description(s)/commercial name(s)	: GU500	
4.1.3	Category of use (normal/special/snow)	: SNOW	
4.1.3.1	For the tyres belonging to the category of use "special use tyre" those which may bear the inscription M+S or M.S or M&S	: YES	
4.1.4	Structure (diagonal(bias ply)/radial)	: RADIAL	
4.1.5	Speed category	: J	
4.1.6	The load-capacity indexes	: 150/148	
4.1.7	Tube type / Tubeless	: TUBELESS	
4.1.8	Overall section width,	: 276	mm
	Outer diameter	: 958	mm
4.1.9	Factor X	: 0.75	
4.1.10	The rims on which the tyre can be mounted	: 7.50 ; 8.25	inch
4.1.11	The measuring rim and test rim	: 8.25	inch
4.1.12	The inflation pressure for the dimension measurement and for the load/speed endurance test pressure	: 900	kPa
4.1.13	The additional load/speed combinations	: NA	

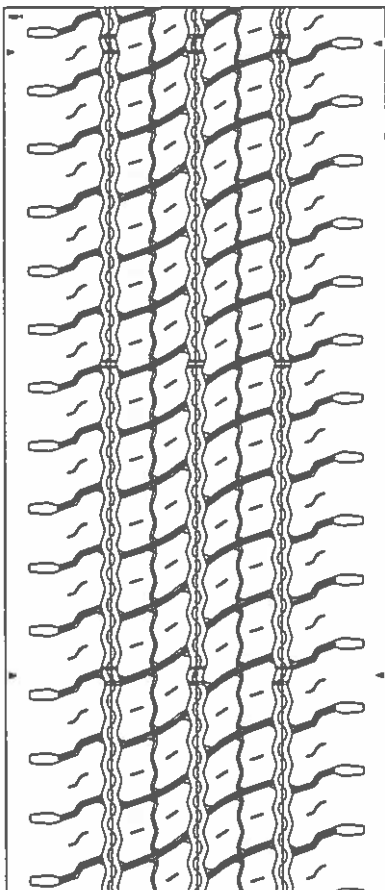
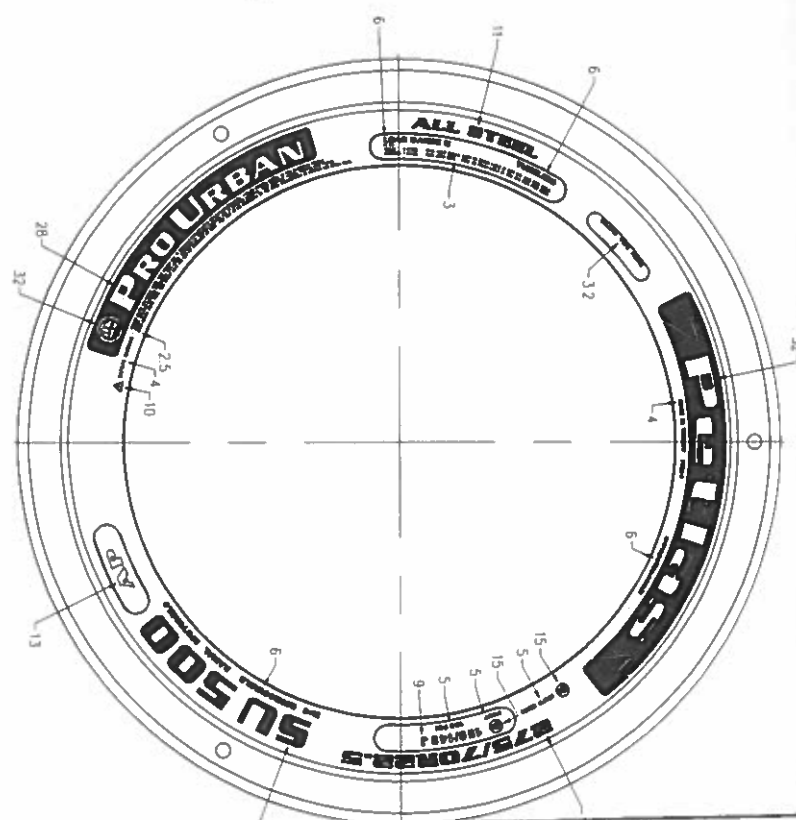




FRONT
BOTTOM SIDE WALL



FRONT
TOP SIDE WALL





TYPE APPROVAL TEST REPORT

REPORT NO: D020-1148

TYRE SPECIFICATION

Manufacturer Name	: PETLAS TIRE INDUSTRY AND TRADE CO.	Speed Category Symbol	: J
Manufacturer Address	: KINDAM MAH.ANKARA KAYSERİ CAD. NO 2/1 KIRŞEHİR / TURKEY	Additional Load/Speed	: N/A
Brand	: PETLAS	Category of Use	: SNOW
Pattern Name	: SU500	TT/TL	: TL
Product Code	: 71801	Date of Manufacture	: 1420
Size Designation	: 275/70 R22,5	Barcode Number	: 55566553
Load Capacity Index	: 150/148	Approval Number	: E8 002917

TEST AND EQUIPMENT SPECIFICATION

Test Tyre Receiving Date	: 5.5.2020
Test Date	: 8.5.2020-10.5.2020
Reference Regulation	: UNECE Regulation 54.00
Petlas Test Code	: 5500
The Tests Conducted	: 1 - Marking Control ☒ 2 - Dimensions Measurement ☒ 3 - Load/Speed ☒
Test Machine Name (Drum Diameter)	: ASM/4-2 (1.707 m)
Pressure Gauge Calibration No	: 2049075
Caliper Calibration No	: 2047459
Tape Measure Calibration No	: 2047455
Test Rim	: 8.25JX22.5-T3
Test Technician	: A.Ş. - F.Ö.

CUSTOMER INFORMATION

Name	: Same as Manufacturer
Address	: Same as Manufacturer

TYRE VISUAL INSPECTION RESULT BEFORE TEST

Tyre was inspected and any evidence of failure was not detected.

Controlled by;

AYHAN UMUCU
Tyre Test Engineer
11.05.2020



Page 1 of 2

Approved by;

EKREM TURNA
Tyre Test and Homologation Engineer
12.05.2020

IGTT a.s.
homologace pneumatik
Šternberská 446, Louky
763 02 Zlín, Czech Republic
IČO: 46999890 DIČ: CZ46999890



NUMBER: 317-F-046-00



TYPE APPROVAL TEST REPORT

REPORT NO: D020-1148

TEST 1 - MARKING CONTROL

Trade name or Mark	YES ☒	NO ☐	N/A ☐
Commercial/Pattern Name Marking	YES ☒	NO ☐	N/A ☐
Tyre Size Designation Marking	YES ☒	NO ☐	N/A ☐
Tyre Structure Marking	YES ☒	NO ☐	N/A ☐
Speed Category Symbol Marking	YES ☒	NO ☐	N/A ☐
Load Capacity Index Marking	YES ☒	NO ☐	N/A ☐
"FRT"	YES ☐	NO ☐	N/A ☒
"Regroovable"	YES ☒	NO ☐	N/A ☐
"M+S" marking in case of "Snow" or "Special Use" tire	YES ☒	NO ☐	N/A ☐
"POR" or "ET" marking in case of Special Use Tire	YES ☐	NO ☐	N/A ☒
"TUBELESS" marking in case of without inner tube use	YES ☒	NO ☐	N/A ☐
Date of Manufacture	YES ☒	NO ☐	N/A ☐
Approval Number Marking	YES ☒	NO ☐	N/A ☐

RESULT: The tire markings are fulfill the reference regulation requirements.

TEST 2 - DIMENSIONS MEASUREMENT

Conditioning	: 24 hours at 25 ± 5 °C
Inflation Pressure (kPa)	: 900
Overall Width Measurements (mm)	: 281,7 / 282,3 / 281,9 / 281,4 / 282,1 / 281,1
Maximum Circumference (mm)	: 3037

PARAMETERS	LIMIT VALUES (mm)	MEASURED VALUES (mm)
Nominal Overall Width-S	276,0	282,3
Maximum Overall Width-Smax	287,0	
Nominal Outer Diameter-D	958,0	966,7
Minimum Outer Diameter-Dmin	946,0	
Maximum Outer Diameter-Dmax	983,0	

RESULT: The dimensions are fulfill the reference regulation requirements.

TEST 3 - LOAD / SPEED TEST

Conditioning	: 3 hours at 25 ± 5 °C
Inflation Pressure (kPa)	: 900

Test Procedure						Dimensional Measurements	
Date/Time	Test Step No	Duration (hour)	Test Load (kg)	Test Speed (km/h)	Control		
13.3.2020 16:55	0	0	0	0	A.5.	Overall Diameter Before Test (mm)	: 966,7
	1	7	2211	48			
	2	16	2814	48			
15.3.2020 15:55	3	24	3384	48	F.O.	Overall Diameter 6h After Test (mm)	: 971,2
Inflation Pressure After Test (kPa) : 915						Diameter difference after Test (%)	: 0,46

RESULT: Tire completed the load/speed test without any failure.

FINAL RESULT: THE TYRE PASSED ALL TESTS ACCORDING TO THE REFERENCE REGULATION

PASSED

Controlled by:

AYHAN UMUCU
Tyre Test Engineer
11.05.2020



Approved by:

EKREM TURNA
Tyre Test and Homologation Engineer
12.05.2020