



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



Trelleborg Wheel Systems Moto d.o.o.
Škofjeloška cesta 6
4000 Kranj
SLOVENIA

E8*75R00/19*1383*00

Zlín 11th March 2022

Re

**Communication concerning the approval and notification of approval number-
inspection report**

Tyre type fully complies requirements of ECE/UN R75.

Enclosed you will find the Communication concerning the approval of your tyres according to ECE/UN Regulation No. **75**

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

150/60ZR17 MITAS SPORT FORCE+ RS (66W)

with the approval number : **E8*75R00/19*1383*00**
date of inspection: **11th March 2022**

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APPROVAL WITHDRAWN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 motocykly a skútry podle Předpisu č. 75
of a type of pneumatic tyre for motorcycles and moped pursuant to Regulation No. 75

Homologace č.:

Approval No.: **E8*75R00/19*1383*00**

Rozšíření č.:

Extension No.: -

- | | | | |
|------|---|---|--|
| 1. | Jméno a adresa výrobce
Manufacturer's name and address: | : | |
| | Trelleborg Wheel Systems Czech Republic a.s. | : | Trelleborg Wheel Systems Moto, d.o.o. |
| | výrobní úsek Zlín, ulice Šedesátá č.p. 5638 | : | Škofjeloška cesta 6 |
| | 762 02 Zlín | : | 4000 Kranj |
| | CZECH REPUBLIC | : | SLOVENIA |
| 2. | Označení typu pneumatiky ⁽²⁾
Tyre type designation ⁽²⁾ | : | |
| 2.1 | Značka(y) / obchodní známka(y)
Brand name(s) / trademark(s) | : | MITAS |
| 2.2 | Obchodní popis / obchodní jméno
Trade description(s) / commercial name(s) | : | SPORT FORCE+ RS |
| 3. | Název a adresa zástupce výrobce
(je-li potřebné)
If applicable, name and address of
manufacturer's representative | : | -

N/A |
| 4. | Souhrnný popis
Sumarized description | : | |
| 4.1. | Označení rozměru pláště
Tyre size designation | : | 150/60ZR17 |
| 4.2. | Kategorie užití
Category of use | : | normální/zimní/moped/terénní/speciální ⁽¹⁾
normal/snow/moped/all-terrain (AT)/special ⁽¹⁾ |
| 4.3. | Konstrukce
Structure | : | diagonální / radiální / smíšená ⁽¹⁾
diagonal / radial / bias-belted ⁽¹⁾ |
| 4.4. | Kategorie rychlosti
Speed category symbol | : | W |
| 4.5. | Indexy nosnosti
Load capacity index | : | 66 |
| 4.6. | U pneu All Terrain (AT) symbol určující
referenční huštění
For All Terrain (AT) tyres, the symbol
identifying the reference pressure | : | -

N/A |



- | | | | |
|-----|---|---|--|
| 5. | Homologační zkušebna a případně zkušební laboratoř schválená pro účely homologace nebo pro ověřování shodnosti
Technical service and where applicable, test laboratory additional approved purposes of approval or of verification of conformity | : | 8/E:
IGTT a. s. - Institut gumárenské technologie a testování
Rubber Technology and Testing Institute, Šternberská 446, Louky, 763 02 ZLÍN, CZECH REPUBLIC |
| 6. | Datum protokolu, vydaného touto zkušebnou
Date of report issued by that service | : | 12.10.2021, 12.10.2021
13.10.2021, 11.10.2021 |
| 7. | Číslo protokolu, vydaného touto zkušebnou
Number of report issued by that service | : | 2021-4397, 2021-4398
2021-4399, 2021-4402 |
| 8. | Důvod pro rozšíření (je-li potřebné)
Reason (s) of extension (if applicable) | : | - |
| 9. | Poznámky
Any remarks | : | Max povolená rychlost 280 km/h
Max permitted speed 280 km/h |
| 10. | Místo
Place | : | Praha
Prague |
| 11. | Datum
Date | : | 11.03.2022 |
| 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 schválení / application for approval
- výkresy bočnice a běhounu pláště / drawing of the tyre sidewalls and tread
- kótovaný výkres příčného řezu pláště / dimensioned drawing of tyre cross – section
- prohlášení výrobce / manufacturer's declaration
- protokol o zkoušce dle bodu 7. / The test report as mentioned in item 7.

- (1) Nehodící se škrtněte
Delete that which does not apply
- (2) Seznam značek / ochranných známek nebo obchodních popisů / obchodních názvů může být přílohou k tomuto osvědčení
A list of brand name(s)/trademark(s) or trade description(s)/commercial name(s) may be annexed to this communication

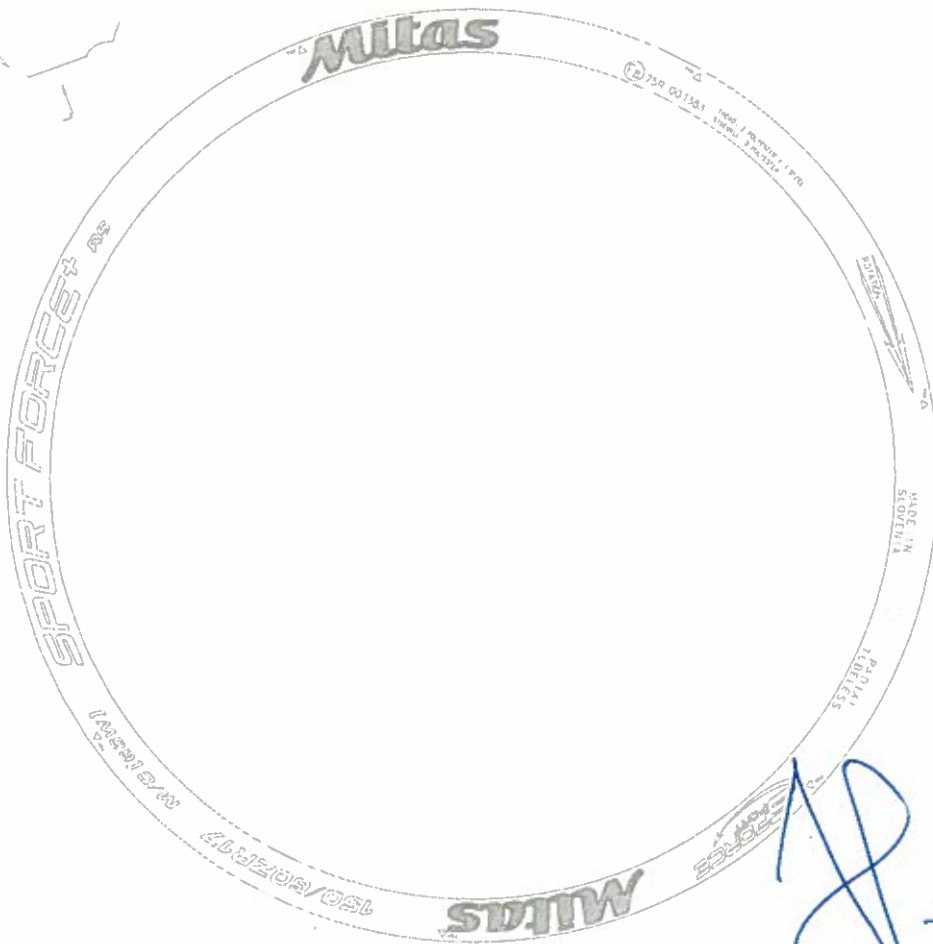
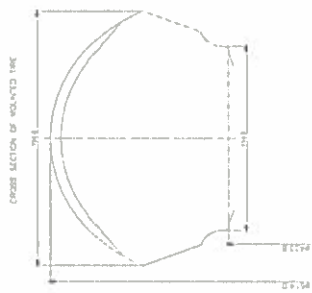
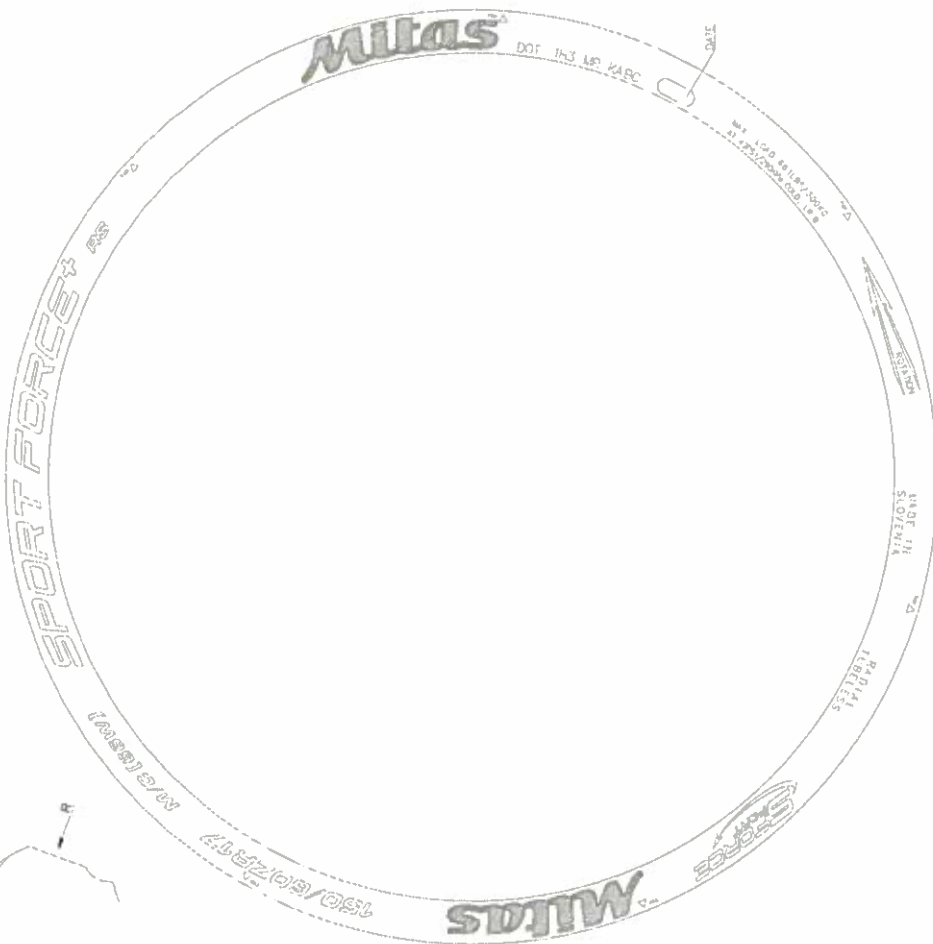
E8 75 R 001383

**APPLICATION FOR APPROVAL OF A TYPE OF PNEUMATIC TYRE
FOR MOTOR CYCLES AND MOPEDS ACCORDING TO ECE REGULATION No. 75**

4.1.1. Tyre size designation:	150/60ZR17
4.1.2. Manufacturers name, tyre name:	MITAS, SPORT FORCE+ RS
4.1.3. The category of use:	MOTORCYCLE
4.1.4. Structure (diagonal, bias belted, radial):	RADIAL
4.1.5. The speed category:	W
4.1.6. The load-capacity index of the tyre:	66
4.1.7. Tube type or Tubeless:	TUBELESS
4.1.8. Normal or Reinforced:	NORMAL
4.1.9. Ply rating number of tyres for motor cycle derivatives:	TREAD: 2 POLYESTER+1 STEEL SIDEWALL: 2 POLYESTER
The overall dimensions	
4.1.10. overall section width:	Overall section width: 154.0 mm
overall diameter:	Overall diameter: 614.0 mm
4.1.11. The rims on which the tyre can be mounted:	4.00-17, 4.25-17, 4.50-17
4.1.12. The measuring rim and test rim:	4.50-17
4.1.13. The test and measurement pressure	Test pressure: 320 kPa Measuring pressure: 280 kPa
4.1.14. Factor x	0.7
4.1.15. Max allowed speed for load-capacity defined in 4.1.6.	280 km/h




SLOVENSKÁ REPUBLIKA		SLOVENIA	
Vlada Republike Slovenije		Government of the Republic of Slovenia	
Ministrstvo za gospodarske zadeve		Ministry of Economic Affairs	
Direkcija Republike Slovenije za intelektualno lastnino		Directorate of the Republic of Slovenia for Intellectual Property	
Ljubljana, dne 15. 12. 2011		Ljubljana, 15. 12. 2011	
Številka: 111/2011		No. 111/2011	
Datum: 15. 12. 2011		Date: 15. 12. 2011	
Podpis: [Signature]		Signature: [Signature]	
Mesto: Ljubljana		Place: Ljubljana	



DETAIL (top) of the tread pattern

SECTION ON LINE - BOTTOM HALF OF THE TREAD
(FIG. 1)

SECTION ON LINE - TOP HALF OF THE TREAD
(FIG. 2)

IGTT a.s.
 homologace pneumatik
 Šternberská 446, Louky
 767 02 Zlín, Czech Republic
 IČ/ID: 46900080 – DIČ/VAT: CZ46900080

IGT

Trelleborg Wheel Systems Moto, d.o.o.
Škofjeloška cesta 6, 4000 Kranj, Slovenia

Contact person:

Boštjan Gubanc

Trelleborg Wheel Systems Moto, d.o.o.

Škofjeloška cesta 6, 4000 Kranj, Slovenia

bostjan.gubanc@trelleborg.com

Manufacturer's declaration:

Trelleborg Wheel Systems Moto, d.o.o. confirms that all below listed tyres will be produced under the same specification:

150/60ZR17 Mitas Sport Force+ RS P-40/21

- are produced under the same quality rules
- are produced with the same technology (same raw materials, same machines, same moulds, same procedures, same constructions)

Tyre size designation:	Tyre type designation:	Load Index, Speed symbol, PR (if exists):
150/60ZR17	Mitas Sport Force+ RS	(66W)
		ECE No.: E8 75R 001383

Manufacturing facilities:

Trelleborg Wheel Systems Moto, d.o.o.

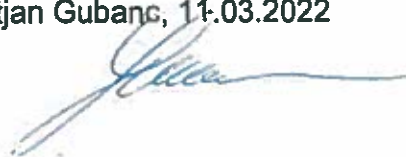
Škofjeloška cesta 6, 4000 Kranj, Slovenia

Trelleborg Wheel Systems Moto,

družba za proizvodnjo in trgovanje z izdelki iz gume, d.o.o.

Škofjeloška cesta 6, 4000 Kranj, Slovenia

Boštjan Gubanc, 11.03.2022



**TRELLEBORG TEST REPORT No. 2021 - 4397**

TTC Zlín, Šternberská 446, Louky, 763 02 Zlín

Testing Laboratory No.1253, accredited by Czech Accreditation Institute according ČSN EN ISO/IEC 17025:2018

1. Customer: Trelleborg Wheel Systems Moto, d.o. Requirement No.: BG/21038
 Škofjeloška cesta 6 Dept.: Moto Kran Task: 10C/2021/BG
 4000 Kranj Project No.: 10C/2021/BG
 Slovenia Application date: 05.10.2021
 Responsible: Mr. Gubanc Report issue date: 12.10.2021
 Test motive: Prototype tyres P-40/21 No.4,5,6,7,8 (ECE homolog.)

2. Tested sample: Tyre Sort: M Ident. No.: 50976
 Dimension 150/60ZR17 Name: Mitas Sport Force+
 Designation 1 Product: TWS Moto Approval E8 75R 000729
 LI: 66 SS: W IP: 290 kPa PR LR: B Type TL
 Weight: 5,76 kg Measuring rim 4.25x17 DOT: H3 DOP: 3821
 Vmax = 280 km/h (66W)

3. Test: Measurement of tyre dimensions
 Method: MZR-M-003 accredited

4. Test condition: Testing machine: - Drum: - mm Ambient temperature: 25±5°C
 Testing rim: MT4,50x17 H2 Inflation: 280 kPa
 Load: daN Drum speed: km/h Slip: 0° Camber: 0°
 Cycle min/max: Track min/max: km

5. Results: Overall diameter: 614 mm limits: 607 -> 624 mm
 Overall width: 154 mm limits: 138 -> 169 mm
 Undergo cycles: Undergo track: km

6. Evaluation: Criterion defined in ECE-R75
 Udiam: 0,6 mm Uwidth: 0,3 mm;

U: Expanded uncertainty = multiplying the combined standard uncertainty by a coverage factor k=2, what for normal distribution have a level of confidence of 95%

7. Appendix: 1. Measurement of the tyre dimensions

8. Warning: Test results are concerning this sample only. It is strongly prohibited to copy any part of this report without permission of the Testing Laboratory. The results apply to the sample as received.

Approved by: Laboratory quality manager RNDr. Petr Sliž

**IGTT a.s.**homologace pneumatik
Šternberská 446, Louky
763 02 Zlín, Czech Republic
IČ/ID: 46800080 DIČ/VAT: CZ46900080

Sample No 50976 Tyre size: 150/60ZR17 Mitas Sport Forc Method: MZR-M-003

Date of measurement	Tyre		Tyre width at six points on circumference						Overall tyre	
	inflation kPa	cicumf. mm	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm	width mm	diameter mm
12.10.2021	280	1 929	153,7	153,4	153,2	153,5	153,3	153,6	153,7	614



Trelleborg Wheel Systems Czech Republic a.s., Švehlova 1900/3, Záběhllice, 106 00 Praha

TRELLEBORG TEST REPORT No. 2021 - 4398



TTC Zlín, Šternberská 446, Louky, 763 02 Zlín

Testing Laboratory No.1253, accredited by Czech Accreditation Institute according ČSN EN ISO/IEC 17025:2018

1. Customer: Trelleborg Wheel Systems Moto. d.o.
 Škofjeloška cesta 6
 4000 Kranj
 Slovenia
 Responsible: Mr. Gubanc
 Test motive: Prototype tyres P-40/21 No.4,5,6,7,8 (ECE homolog.)

Requirement No.: BG/21038
 Dept.: Moto Kranj Task: 10C/2021/BG
 Project No.: 10C/2021/BG
 Application date: 05.10.2021
 Report issue date: 12.10.2021

2. Tested sample: Tyre
 Sort: M Ident. No.: 50976
 Dimension 150/60ZR17 Name: Mitas Sport Force+
 Designation 1 Product: TWS Moto Approval E8 75R 000729
 LI: 66 SS: W IP: 290 kPa PR LR: B Type TL
 Weight: 5,76 kg Measuring rim 4,25x17 DOT: H3 DOP: 3821
 Vmax = 280 km/h (66W)

3. Test: Sidewall lettering inspection
 Method: KPB-M-003 accredited

4. Test condition: Testing machine: - Drum: - mm Ambient temperature: 25±5°C
 Testing rim: MT4,50x17 H2 Inflation: 280 kPa
 Load: daN Drum speed: km/h Slip: 0° Camber: 0°
 Cycle min/max: Track min/max: km

5. Results: See appendix 21-4398
 Undergo cycles: Undergo track: km

6. Evaluation: Criterion defined in ECE-R75
 -
 U: Expanded uncertainty = multiplying the combined standard uncertainty by a coverage factor k=2, what for normal distribution have a level of confidence of 95%

7. Appendix: 1. Tyre lettering inspection

8. Warning: Test results are concerning this sample only. It is strongly prohibited to copy any part of this report without permission of the Testing Laboratory. The results apply to the sample as received.

Approved by: Laboratory quality manager RNDr. Petr Slíž

[Signature]



Sample No.: 50976

Size: 150/60ZR17

Mitas Sport Force+

Method: KPB-M-003

Date: 12.10.2021

Dimension of approval mark:

diameter of circle: 11 mm

height of letter E: 6 mm

height of number: 4 mm

height of text 75R....: 4 mm

Sidewall lettering:

b $\geq$ 4 mm (min): 4 mm

Measured where (text):

Size designation (text):

Structure (diagonal/bias belted/radial):

Trade name (mark):

Speed category (mark):

Load capacity (mark):

Ply rating (mark):

TUBELESS (text):

REINFORCED or REINF (text):

M+S or M.S or MS (or DP) (mark):

MST (mark):

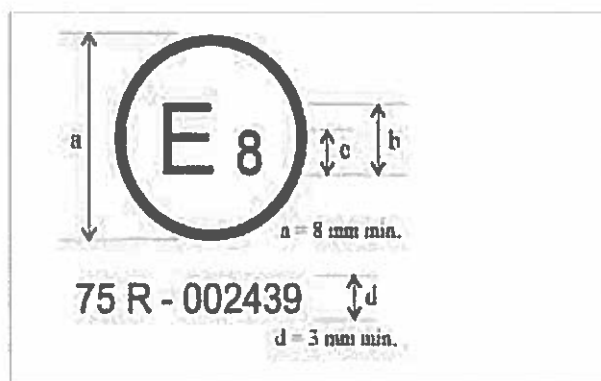
Date of production (wwyy):

M/C (mark):

MOPED or CYCLOMOTEUR (text):

(W) for SS>270km/h :

Running rotation (mark):



b TUBELESS M + S

Tubeless

Yes

No

Yes

Yes

Yes

No

Yes

No

No

No

Yes

Yes

-

Yes

Yes



Trelleborg Wheel Systems Czech Republic a.s., Švehlova 1900/3, Záběhlce, 106 00 Praha

TRELLEBORG TEST REPORT No. 2021 - 4399



TTC Zlín, Šternberská 446, Louky, 763 02 Zlín

Testing Laboratory No.1253, accredited by Czech Accreditation Institute according ČSN EN ISO/IEC 17025:2018

1. Customer: Trelleborg Wheel Systems Moto. d.o.
Škofjeloška cesta 6
4000 Kranj
Slovenia
Responsible: Mr. Gubanc
Test motive: Prototype tyres P-40/21 No.4.5,6,7,8 (ECE homolog.)

Requirement No.: BG/21038
Dept.: Moto Kranj Task: 10C/2021/BG
Project No.: 10C/2021/BG
Application date: 05.10.2021
Report issue date: 13.10.2021

2. Tested sample: Tyre
Sort: M Ident. No.: 50976
Dimension 150/60ZR17 Name: Mitas Sport Force+
Designation I Product: TWS Moto Approval E8 75R 000729
LI: 66 SS: W IP: 290 kPa PR LR: B Type TL
Weight: 5.76 kg Measuring rim 4.25x17 DOT: H3 DOP: 3821
Vmax = 280 km/h (66W)

3. Test: Speed test
Method: RZ-M-003 accredited

4. Test condition: Testing machine: H2L Drum: 2000 mm Ambient temperature: 38±3°C
Testing rim: MT4,50x17 H2 Inflation: 320 kPa capped
Load: 143 daN Drum speed: km/h Slip: 0° Camber: 0°
Cycle min/max: Track min/max: km

5. Results: Without failure.
Difference of circumference at start and at end of test: 0 %
Undergo cycles: 109 874 Undergo track: 209 km

6. Evaluation: Criterion no defects and circumf.difference before and 6h after test max. ±3,5%
U: Expanded uncertainty = multiplying the combined standard uncertainty by a coverage factor k=2, what for normal distribution have a level of confidence of 95%

7. Appendix: 1. Drum tyre test record

8. Warning: Test results are concerning this sample only. It is strongly prohibited to copy any part of this report without permission of the Testing Laboratory. The results apply to the sample as received

Approved by: Laboratory quality manager RNDr. Petr Sliž

[Signature]



Sample No.: 50976		Dimension:		150/60ZR17		Mitas Sport Force+		Test:		RZ-M-003			
ID No.	Test stage	Date time dd.mm.mmm hh.mm.ss	Step duration hhh:mm:ss	Test duration hhh:mm:ss	Speed km/h	Load daN	Inflation kPa	Radius mm	Surface °C	Room °C	Distance km	Cycles	Diameter/ deflection mm
1	Start	12.10.2021 8:17:29	000:00:00	000:00:00			320			35,3			615
2	Cont	12.10.2021 8:38:16	000:20:00	000:20:00	120,6	142		301		35,4	40	20 980	7
3	Cont	12.10.2021 8:48:18	000:10:00	000:30:00	240,0	142		302		35,7	80	41 959	6
4	Cont	12.10.2021 8:58:21	000:10:00	000:40:00	250,1	142		302		35,9	121	63 732	5
5	Cont	12.10.2021 9:08:23	000:10:00	000:50:00	260,1	142		302		36,1	164	86 376	5
6	Cont	12.10.2021 9:18:25	000:10:00	001:00:00	270,1	142		302		36,3	209	109 874	5
7	Int M	12.10.2021 9:22:21	000:03:56	001:00:00						36,4			
8	Int O	12.10.2021 15:22:52	006:00:31	001:00:00			312			36,4			615
9	End	12.10.2021 15:23:01	000:00:08	001:00:00						36,4			

Tyre width immediately after end of test(mm): 155,6 - 155,6 - 155,7 - 155,8 - 155,7 - 155,6

Change of tyre circumference before test and 6h after test (%): 0,00



Trelleborg Wheel Systems Czech Republic a.s., Švehlova 1900/3, Záběhlce, 106 00 Praha

TRELLEBORG TEST REPORT No. 2021 - 4402



TTC Zlín, Šternberská 446, Louky, 763 02 Zlín

Testing Laboratory No.1253, accredited by Czech Accreditation Institute according ČSN EN ISO/IEC 17025:2018

1. Customer: Trelleborg Wheel Systems Moto, d.o.
 Škofjeloška cesta 6
 4000 Kranj
 Slovenia
 Responsible: Mr. Gubanc
 Test motive: Prototype tyres P-40/21 No.4.5,6,7,8 (ECE homolog.)

Requirement No.: BG/21038
 Dept.: Moto Kranj Task: 10C/2021/BG
 Project No.: 10C/2021/BG
 Application date: 05.10.2021
 Report issue date: 11.10.2021

2. Tested sample: Tyre
 Sort: M Ident. No.: 50978
 Dimension 150/60ZR17 Name: Mitas Sport Force+
 Designation 3 Product: TWS Moto Approval E8 75R 000729
 LI: 66 SS: W IP: 290 kPa PR LR: B Type TL
 Weight: 5.74 kg Measuring rim 4,25x17 DOT: H3 DOP: 3821
 Vmax = 280 km/h

3. Test: Speed test
 Method: RZ-M-0031 accredited

4. Test condition: Testing machine: H2L Drum: 2000 mm Ambient temperature: 38±3°C
 Testing rim: MT4,50x17 H2 Inflation: 320 kPa capped
 Load: 143 daN Drum speed: km/h Slip: 0° Camber: 0°
 Cycle min/max: Track min/max: km

5. Results: Without failure.
 Difference of circumference at start and at end of test: 0,1 %
 Undergo cycles: 100 694 Undergo track: 193 km

6. Evaluation: Criterion no defects and circumf.difference before and 6h after test max. ±3,5%
 U: Expanded uncertainty = multiplying the combined standard uncertainty by a coverage factor k=2, what for normal distribution have a level of confidence of 95%

7. Appendix: 1. Drum tyre test record

8. Warning: Test results are concerning this sample only. It is strongly prohibited to copy any part of this report without permission of the Testing Laboratory. The results apply to the sample as received.

Approved by: Laboratory quality manager RNDr. Petr Slíž



Sample No.: 50978		Dimension: 150/60ZR17		Mitas Sport Force+		Test: RZ-M-0031							
ID No.	Test stage	Date time dd.mm.yyyy hh:mm:ss	Step duration hhh mm ss	Test duration hhh mm ss	Speed km/h	Load daN	Inflation kPa	Radius mm	Surface °C	Room °C	Distance km	Cycles	Diameter/ deflection mm
1	Start	09.10.2021 10:41:58	000 00 00	000 00 00			320			36,1			614
2	Cont	09.10.2021 11:02:48	000 20 00	000 20 00	124,6	142		301		36,3	42	21 846	6
3	Cont	09.10.2021 11:22:50	000 20 00	000 40 00	250,0	142		302		37,1	125	65 426	5
4	Cont	09.10.2021 11:32:52	000 10 00	000 50 00	264,9	142		302		37,6	169	88 460	5
5	Cont	09.10.2021 11:37:54	000 05 00	000 55 00	280,0	142		302		37,8	193	100 694	5
6	Int:M	09.10.2021 11:45:56	000 08 02	000 55 00						37,0			
7	Int:O	09.10.2021 17:38:20	005 52 24	000 55 00			315			37,0			614
8	End	09.10.2021 17:38:27	000 00 07	000 55 00						37,0			

Tyre width immediately after end of test(mm): 156,1 - 155,6 - 156,0 - 155,8 - 155,9 - 155,8

Change of tyre circumference before test and 6h after test (%): 0,05