



INSTITUT GUMÁRENSKÉ TECHNOLOGIE A TESTOVÁNÍ, A.S.
RUBBER TECHNOLOGY AND TESTING INSTITUTE, Plc.
INSTITUT FÜR GUMMITECNOLOGIE 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



Zlín 10th October 2023

E8*75R00/19*1443*00

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

Communication concerning the approval and notification of approval number and inspection report issued by Inspection body IGTT

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:

200/55ZR17 MITAS SPORT FORCE+ EV (78W)

with the approval number : **E8 75R - 001443**
date of inspection : **10th October 2023**

inspector's name : **Václav Hořelka**

Sincerely yours,

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

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

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

E8 75R – 001443

4.1.1. Tyre size designation:	200/55ZR17
4.1.2. Manufacturers name, tyre name:	MITAS, SPORT FORCE+ EV
4.1.3. The category of use:	NORMAL
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:	78
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: 1 POLYESTER+1 STEEL SIDEWALL: 1 POLYESTER
The overall dimensions	
4.1.10. overall section width:	Overall section width: 195.3 mm
overall diameter:	Overall diameter: 656.0 mm
4.1.11. The rims on which the tyre can be mounted:	6.00-17, 6.25-17, 6.50-17
4.1.12. The measuring rim and test rim:	6.00-17
4.1.13. The test and measurement pressure	Test pressure: 320 kPa Measuring pressure: 280 kPa
4.1.14. Factor x	0.8
4.1.15. Max allowed speed for load-capacity defined in 4.1.6.	280 km/h

200/55ZR17 (78W) SPORT FORCE+ EV, MITAS

Manufacturer's name and address:

Tyre Manufacturer (1)

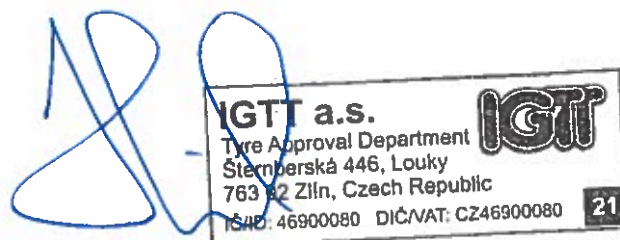
SYAM Trelleborg Tyres LLP
Plot No. 521, Sayakha Industrial Estate,
Near Village Juned, Taluka Vagra,
Dist. Bharuch, Gujarat, Pin-392140.

Tyre Manufacturer (2)

Trelleborg Wheel Systems Czech Republic a.s.
Výrobní úsek Zlín, Šedesátá č.p. 5638
762 02 Zlín, CZECH REPUBLIC

Tyre Manufacturer (3)

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



[illegible]

**TRELLEBORG TEST REPORT No. 2023 - 1159**

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/23006
 Škofjeloška cesta 6 Dept.: Moto Kran Task: 02C/2023/BG
 4000 Kranj Project No.: 02C/2023/BG
 Slovenia Application date: 16.02.2023
 Responsible: Mr. Gubanc Report issue date: 28.02.2023
 Test motive: Prototype tyres P-3/23 No.8,18,19,20,21,23,24,33 (ECE homologacija)

2. Tested sample: Tyre Sort: M Ident. No.: 54920
 Dimension 200/55ZR17 Name: Mitas Sport Force+ EV
 Designation 18 Product: TWS Moto Approval E8 75R 001443
 LI: 78 SS: W IP: 290 kPa PR LR: B Type TL
 Weight: 6,68 kg Measuring rim 6,25x17 DOT: 1H3 DOP: 0623

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

4. Test condition: Testing machine: - Drum: - mm Ambient temperature: 25±5°C
 Testing rim: MT6,00x17 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 of protocol: 23-1159

Undergo cycles: Undergo track: km

6. Evaluation: Criterion defined in ECE-R75 and other standards

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



Sample No.: 54920 Size: 200/55ZR17 Mitas Sport Force+ EV Method: KPB-M-003

Date: 27.02.2023

Dimension of approval mark:

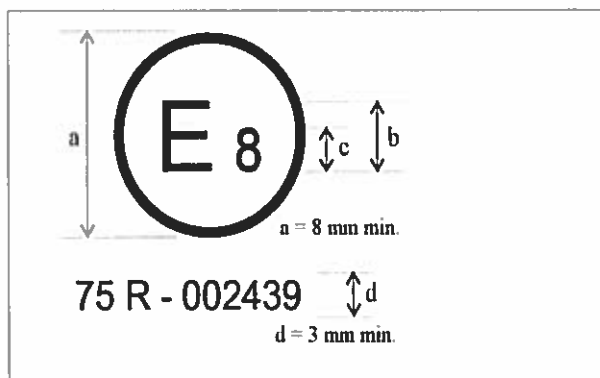
diameter of circle: 11 mm

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

b TUBELESS M + S

Measured where (text): Tubeless

Size designation (text) : Yes

Structure (diagonal/bias belted/radial): R

Trade name (mark): Yes

Speed category (mark): Yes

Load capacity (mark): Yes

Ply rating (mark): No

TUBELESS (text): Yes

REINFORCED or REINF (text): No

M+S or M.S or MaS (mark): No

MST (mark): No

Date of production (wwyy): Yes

M/C (mark): Yes

MOPED or CYCLOMOTEUR (text): -

(W) for SS>270km/h: Yes

Running rotation (mark): Yes

Visible defects or damages: No

QC check mark (stamp): No

Manuf.name or country of or Yes

TWI markings: Yes

DP (mark): No

NHS (mark): No

**TRELLEBORG TEST REPORT No. 2023 - 1160**

TTC Zlin, 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/23006
 Škofjeloška cesta 6 Dept.: Moto Kran Task: 02C/2023/BG
 4000 Kranj Project No.: 02C/2023/BG
 Slovenia Application date: 16.02.2023
 Responsible: Mr. Gubanc Report issue date: 28.02.2023
 Test motive: Prototype tyres P-3/23 No.8,18,19,20,21,23,24,33 (ECE homologacija)

2. Tested sample: Tyre Sort: M Ident. No.: 54920
 Dimension 200/55ZR17 Name: Mitas Sport Force+ EV
 Designation 18 Product: TWS Moto Approval E8 75R 001443
 LI: 78 SS: W IP: 290 kPa PR LR: B Type TL
 Weight: 6,68 kg Measuring rim 6,25x17 DOT: 1H3 DOP: 0623

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: MT6,00x17 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: 656 mm (limits from 645 to 667 mm)
 Overall width: 195,3 mm
 (OW limit nominal 220 mm & 2,5 mm rim correction=>limit max 222 mm)

Undergo cycles: Undergo track: km

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



Sample No 54920 Tyre size: 200/55ZR17 Mitas Sport Forc Method: MZR-M-003

Date of measurement	Tyre		Tyre width at six points on circumference						Overall tyre	
	inflation	cicumf.	1	2	3	4	5	6	width	diameter
	kPa	mm	mm	mm	mm	mm	mm	mm	mm	mm
28.02.2023	280	2 061	195	195,1	194,9	194,7	195,3	195,1	195,3	656

**TRELLEBORG TEST REPORT No. 2023 - 1161**

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/23006
 Škofjeloška cesta 6 Dept.: Moto Kran Task: 02C/2023/BG
 4000 Kranj Project No.: 02C/2023/BG
 Slovenia Application date: 16.02.2023
 Responsible: Mr. Gubanc Report issue date: 01.03.2023
 Test motive: Prototype tyres P-3/23 No.8,18,19,20,21,23,24,33 (ECE homologacija)

2. Tested sample: Tyre Sort: M Ident. No.: 54920
 Dimension 200/55ZR17 Name: Mitas Sport Force+ EV
 Designation 18 Product: TWS Moto Approval E8 75R 001443
 LI: 78 SS: W IP: 290 kPa PR LR: B Type TL
 Weight: 6,68 kg Measuring rim 6,25x17 DOT: 1H3 DOP: 0623

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: MT6,00x17 H2 Inflation: 320 kPa capped
 Load: 203 daN Drum speed: km/h Slip: 0° Camber: 0°
 Cycle min/max: Track min/max: km

5. Results: Without failure.
 Difference of tyre circumference at start and at end of test: 0,1 %
 Undergo cycles: 103 564 Undergo track: 210 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



Sample No.: 54920		Dimension: 200/55ZR17		Mitas Sport Force+		Test: RZ-M-003							
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	28.02.2023 11:14:20	000:00:00	000:00:00			320			36,8			656
2	Cont	28.02.2023 11:34:27	000:20:00	000:20:00	119,9	202		314		37,1	40	19 780	14
3	Cont	28.02.2023 11:44:29	000:10:00	000:30:00	240,0	202		316		37,8	80	39 544	12
4	Cont	28.02.2023 11:54:31	000:10:00	000:40:00	250,1	202		316		38,0	122	60 074	12
5	Cont	28.02.2023 12:04:33	000:10:00	000:50:00	260,1	202		316		38,1	165	81 413	12
6	Cont	28.02.2023 12:14:35	000:10:00	001:00:00	270,1	202		316		38,3	210	103 564	12
7	Int:M	28.02.2023 12:21:25	000:06:50	001:00:00						37,8			
8	Int:O	28.02.2023 18:21:15	005:59:50	001:00:00			316			37,8			657
9	End	28.02.2023 18:21:17	000:00:02	001:00:00						37,8			

Tyre width immediately after end of test(mm): 197,3 - 197,3 - 197,4 - 197,4 - 197,0 - 197,4

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

**TRELLEBORG TEST REPORT No. 2023 - 1164**

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/23006
 Škofjeloška cesta 6 Dept.: Moto Kran Task: 02C/2023/BG
 4000 Kranj Project No.: 02C/2023/BG
 Slovenia Application date: 16.02.2023
 Responsible: Mr. Gubanc Report issue date: 28.02.2023
 Test motive: Prototype tyres P-3/23 No.8,18,19,20,21,23,24,33 (ECE homologacija)

2. Tested sample: Tyre Sort: M Ident. No.: 54924
 Dimension 200/55ZR17 Name: Mitas Sport Force+ EV
 Designation 20 Product: TWS Moto Approval E8 75R 001443
 LI: 78 SS: W IP: 290 kPa PR LR: B Type TL
 Weight: 6,66 kg Measuring rim 6,25x17 DOT: 1H3 DOP: 0623

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: MT6,00x17 H2 Inflation: 320 kPa capped
 Load: 271 daN Drum speed: km/h Slip: 0° Camber: 0°
 Cycle min/max: Track min/max: km

5. Results: Without failure.
 Difference of tyre circumference at start and at end of test: 0 %

Undergo cycles: 95 110 Undergo track: 192 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



Sample No.: 54924		Dimension:		200/55ZR17		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	27.02.2023 10:19:09	000:00:00	000:00:00			320			36,1			656
2	Cont	27.02.2023 10:39:16	000:20:00	000:20:00	124,9	272		311		36,5	42	20 625	18
3	Cont	27.02.2023 10:59:18	000:20:00	000:40:00	250,0	272		312		37,3	125	61 796	16
4	Cont	27.02.2023 11:09:20	000:10:00	000:50:00	265,0	271		313		37,5	169	83 550	15
5	Cont	27.02.2023 11:14:22	000:05:00	000:55:00	280,0	272		313		37,7	192	95 110	15
6	Int M	27.02.2023 11:23:22	000:09:00	000:55:00						37,1			
7	Int O	27.02.2023 17:19:03	005:55:40	000:55:00			309			37,1			656
8	End	27.02.2023 17:19:33	000:00:31	000:55:00						37,1			

Tyre width immediately after end of test(mm): 199,1 - 198,3 - 198,5 - 198,4 - 198,5 - 198,9

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