



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

DECLARATION OF CONFORMITY

E8 75R 000607

IGTT a.s. (Rubber Technology and Testing Institute Ltd.)
Šternberská 446, Louky,
763 02 ZLÍN
CZECH REPUBLIC

Declare under sole responsibility that the product :

Pneumatic tyre for motorcycles

Tyre size	:	110/70-17
Trade mark	:	MITAS MC50F
Load capacity index	:	54
Speed category	:	H
Tube type/Tubeless	:	TUBELESS
Manufactured by	:	

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

Trelleborg Slovenija, d.o.o.
PA Moto
Škofjeloška cesta 6
4000 Kranj
SLOVENIA

Approval number : **E8 75R 000607**

to which this declaration relates is in conformity with the following standards or other normative documents

UN ECE REGULATION No. 75

This Declaration of Conformity has been issued on the basis of following report : **6576/2018, 6577/2018, 6578/2018**

Place and date of issue
Zlín 12th February 2019


Petr Husták, Ph.D
Tyre Approval Department Head



TEST REPORT No. 2018-6576

Tyre testing laboratory No.1253, accredited by Czech Accreditation Institute according ČSN EN ISO/IEC 17025:2005

1. Customer: Trelleborg Slovenija d.o.o. Requirement No.: BG/18186
 Škofjeloška cesta 6 Dept.: PA Moto Task: 11U/2018
 4000 Kranj Project No.: 11U/2018
 Slovenia Application date: 22.11.2018
 Responsible Mr. Gubanc Report issue date: 27.11.2018
 Test motive: Regular production – ECE-Declaration

2. Tested sample: Tyre Sort: M Ident. No.: 42958
 Dimension 110/70-17 Pattern: MC50F Type: TL
 Designation Product Savatech Approval E8 75R 000607
 LI: 54 SS: H IP: 230 kPa PR LR B DOT H3 3518
 Weight: 3,82 kg Measuring rim 3,00x17 Tyre/Tube:

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: 3,00x17 Inflation: 280 kPa
 Load: daN Drum speed: km/h Slip: 0° Camber: 0°
 Cycle min/max: Track min/max: km

5. Results: Overall diameter: 593mm
 Overall width: 106,5mm
 Undergo cycles: Undergo track: km

6. Evaluation: Criterion defined in ECE-R75
 Tyre met test criterion
 Uwidth = 0,3 mm; Udiam = 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%

Appendix: 1. Measurement of the tyre dimensions

Warning: Test results are concerning this sample only. It is strongly prohibited to copy any part of this report without permission of the tyre testing laboratory

Issued by: Tyre testing laboratory head technician V. Závada

Approved by: Laboratory quality manager RNDr. Petr Sliž



Sample No 42958 Tyre size: 110/70-17 MC50F 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
24.11.2018	280	1 864	106,3	106,3	106,1	106,4	106	106,5	106,5	593

TEST REPORT No. 2018-6577

Tyre testing laboratory No.1253, accredited by Czech Accreditation Institute according ČSN EN ISO/IEC 17025:2005

1. Customer: Trelleborg Slovenija d.o.o.
 Škofjeloška cesta 6
 4000 Kranj
 Slovenia
 Responsible: Mr. Gubanc
 Test motive: Regular production – ECE-Declaration

Requirement No.: BG/18186
 Dept.: PA Moto Task: 11U/2018
 Project No.: 11U/2018
 Application date: 22.11.2018
 Report issue date: 27.11.2018

2. Tested sample: Tyre Sort: M Ident. No.: 42958
 Dimension 110/70-17 Pattern: MC50F Type: TL
 Designation Product Savatech Approval E8 75R 000607
 LI: 54 SS: H IP: 230 kPa PR LR B DOT H3 3518
 Weight: 3,82 kg Measuring rim: 3,00x17 Tyre/Tube

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: 3,00x17 Inflation: 350 kPa capped
 Load: 135 daN Drum speed: km/h Slip: 0° Camber: 0°
 Cycle min/max: Track min/max: km

5. Results: Without failure

Undergo cycles: 86 030 Undergo track 160 km

6. Evaluation: Criterion no defects and circumf.difference before and 6h after test max. ±3,5%
 Tyre met the test criterion
 U = 0,1 %

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 tyre testing laboratory

Issued by: Tyre testing laboratory head technician V. Závada

Approved by: Laboratory quality manager RNDr. Petr Sliž




Sample No.: 42958		Dimension: 110/70-17		MC50F		Test: RZ-M-003							
ID No.	Test stage	Date time dd.mm.yyyy hh:mm:ss	Step duration hh:mm:ss	Test duration hh:mm:ss	Speed km/h	Load daN	Inflation kPa	Radius mm	Surface °C	Room °C	Distance km	Cycles	Diameter/ deflection mm
1	Start	24.11.2018 13:26:08	000:00:00	000:00:00			350			36,2			596
2	Cont	24.11.2018 13:46:59	000:20:00	000:20:00	89,7	135		290		36,1	30	16 286	7
3	Cont	24.11.2018 13:57:01	000:10:00	000:30:00	180,0	135		293		36,4	60	32 480	5
4	Cont	24.11.2018 14:07:04	000:10:00	000:40:00	190,0	135		294		36,4	92	49 472	4
5	Cont	24.11.2018 14:17:06	000:10:00	000:50:00	200,1	135		294		36,5	125	67 324	4
6	Cont	24.11.2018 14:27:08	000:10:00	001:00:00	210,0	135		295		36,5	160	86 030	3
7	Int.M	24.11.2018 14:31:37	000:04:29	001:00:00						36,5			
8	Int.O	25.11.2018 6:17:02	015:45:25	001:00:00			330			36,5			599
9	End	25.11.2018 6:17:05	000:00:03	001:00:00						36,5			

Tyre width immediately after end of test(mm): 107,9 - 107,6 - 107,5 - 107,8 - 107,9 - 107,6

Change of tyre circumference before test and 6h after test (%): 0,59

TEST REPORT No. 2018-6578

Tyre testing laboratory No.1253, accredited by Czech Accreditation Institute according ČSN EN ISO/IEC 17025:2005

1. Customer: Trelleborg Slovenija d.o.o. Requirement No.: BG/18186
 Škofjeloška cesta 6 Dept.: PA Moto Task: 11U/2018
 4000 Kranj Project No.: 11U/2018
 Slovenia Application date: 22.11.2018
 Responsible: Mr. Gubanc Report issue date: 4.12.2018
 Test motive: Regular production – ECE-Declaration

2. Tested sample: Tyre Sort: M Ident. No.: 42958
 Dimension 110/70-17 Pattern: MC50F Type: TL
 Designation Product Savatech Approval E8 75R 000607
 LI: 54 SS: H IP: 230 kPa PR LR B DOT H3 3518
 Weight: 3,82 kg Measuring rim: 3,00x17 Tyre/Tube

3. Test: Dynamic growth test
 Method: MDN-M-003 accredited

4. Test condition: Testing machine: DN Drum: - mm Ambient temperature: 25±5°C
 Testing rim: 3,00x17 Inflation: 290 kPa capped
 Load: daN Drum speed: 210 km/h Slip: 0° Camber: 0°
 Cycle min/max: Track min/max: km

5. Results: Max. centrifugal radius of tyre at max. speed: 303 mm (limit: 303 mm)
 Overall width of tyre at max. speed: 107 mm (limit: 121 mm)

Undergo cycles: Undergo track km

6. Evaluation: Criterion profil doesn't exceed limit curve

Tyre met the test criterion.

U = 0,5 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. Tyre test record S1-Test limit, S2-10 km/h, S3-210 km/h

8. Warning: Test results are concerning this sample only. It is strongly prohibited to copy any part of this report without permission of the tyre testing laboratory

Issued by: Tyre testing laboratory head technician V. Závada

Approved by: Laboratory quality manager RNDr. Petr Slíž



Sample No.: 42958

Dimension:

110/70-17

MC50F

Test:

MDN-M-003

tyre
radius
mm

Measurement of tyre profile

— S1 — S2
— S3 — S4