



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

DECLARATION OF CONFORMITY

E8 75R 000609

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 : **140/70-17**
Trade mark : **MITAS MC50**
Load capacity index : **66**
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 000609**

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 : **6609/2018, 6610/2018, 6611/2018**

Place and date of issue
Zlín 12th February 2019


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

Petr Husták, Ph.D
Tyre Approval Department Head

TEST REPORT No. 2018-6609

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/18193
 Škofjeloška cesta 6 Dept.: PA Moto Task: 11AA/2018
 4000 Kranj Project No.: 11AA/2018
 Slovenia Application date: 26.11.2018
 Responsible Mr. Gubanc Report issue date: 30.11.2018
 Test motive: Regular production – ECE-Declaration

2. Tested sample: Tyre Sort: M Ident. No.: 43034
 Dimension 140/70-17 Pattern: MC50 Type: TL
 Designation Product Savatech Approval E8 75R 000609
 LI: 66 SS: H IP: 230 kPa PR LR B DOT H3 4218
 Weight: 5,88 kg Measuring rim 3,75x17 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: MT3,50x17 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: 630mm
 Overall width: 136,4mm
 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%

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 tyre testing laboratory

Issued by: Tyre testing laboratory head technician V. Závada

Approved by: Laboratory quality manager RNDr. Petr Sliž



Sample No 43034 Tyre size: 140/70-17 MC50 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
28.11.2018	280	1 978	136	136,1	136,4	136,3	136	136,2	136,4	630

TEST REPORT No. 2018-6610

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/18193
 Dept.: PA Moto Task: 11AA/2018
 Project No.: 11AA/2018
 Application date: 26.11.2018
 Report issue date: 4.12.2018

2. Tested sample: Tyre
 Sort: M Ident. No.: 43034
 Dimension 140/70-17 Pattern: MC50 Type: TL
 Designation Product Savatech Approval E8 75R 000609
 LI: 66 SS: H IP: 230 kPa PR LR B DOT H3 4218
 Weight: 5,88 kg Measuring rim: 3,75x17 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: MT3,50x17 H2 Inflation: 350 kPa capped
 Load: 191 daN Drum speed: km/h Slip: 0° Camber: 0°
 Cycle min/max: Track min/max: km

5. Results: Without failure

Undergo cycles: 80 456 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

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Approved by: Laboratory quality manager RNDr. Petr Sliž





Sample No.: 43034		Dimension: 140/70-17		MC50		Test: RZ-M-003							
ID No.	Test stage	Date time dd.mm.rrr 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	2.12.2018 11:15:30	000:00:00	000:00:00			350			36,0			635
2	Cont	2.12.2018 11:36:18	000:20:00	000:20:00	89,5	193		309		36,0	30	15 280	8
3	Cont	2.12.2018 11:46:20	000:10:00	000:30:00	180,0	193		313		36,2	60	30 417	4
4	Cont	2.12.2018 11:56:22	000:10:00	000:40:00	190,0	193		314		36,2	92	46 306	3
5	Cont	2.12.2018 12:06:24	000:10:00	000:50:00	200,1	193		315		36,3	125	62 990	3
6	Cont	2.12.2018 12:16:26	000:10:00	001:00:00	210,0	193		316		36,3	160	80 456	2
7	Int M	2.12.2018 12:25:17	000:08:50	001:00:00						36,1			
8	Int O	3.12.2018 6:28:04	018:02:47	001:00:00			328			36,1			640
9	End	3.12.2018 6:28:10	000:00:06	001:00:00						36,1			

Tyre width immediately after end of test(mm): 139,8 - 140,2 - 140,1 - 139,5 - 139,8 - 140,0

Change of tyre circumference before test and 6h after test (%): 0,75

TEST REPORT No. 2018-6611

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/18193
 Škofjeloška cesta 6 Dept.: PA Moto Task: 11AA/2018
 4000 Kranj Project No.: 11AA/2018
 Slovenia Application date: 26.11.2018
 Responsible: Mr. Gubanc Report issue date: 5.12.2018
 Test motive: Regular production – ECE-Declaration

2. Tested sample: Tyre Sort: M Ident. No.: 43034
 Dimension 140/70-17 Pattern: MC50 Type: TL
 Designation Product Savatech Approval E8 75R 000609
 LI: 66 SS: H IP: 230 kPa PR LR B DOT H3 4218
 Weight: 5,88 kg Measuring rim: 3,75x17 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: MT3,50x17 H2 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: 325 mm (limit: 327 mm)
 Overall width of tyre at max. speed: 128 mm (limit: 152 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%

Appendix: 1. Tyre test record S1-Test limit, S2-10 km/h, S3-210 km/h

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.: 43034

Dimension:

140/70-17

MC50

Test:

MDN-M-003

tyre
radius

Measurement of tyre profile

— S1 — S2
— S3 — S4

mm

