



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



I 4078



Zlín 01st September 2023

E8*75R00/19*1438*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:

170/60ZR17 MITAS ENDURO TRAIL-ADV 72W

with the approval number : **E8 75R - 001438**
date of inspection : **01st September 2023**
inspector's name : **Václav Hořelka**

Sincerely yours,



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

Ministerstvo dopravy České republiky
Ministry of Transport of the Czech Republic
Nábřeží L. Svobody 12, 110 15 Praha 1, Czech Republic

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APPROVAL WITHDRAWN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 mopeds pursuant to Regulation No. 75

Homologace č.:

Approval No.: **E8*75R00/19*1438*00**

Rozšíření č.:

Extension No.: **N/A**

- | | | | |
|------|---|---|--|
| 1. | Jméno a adresa výrobce
Manufacturer's name and address: | : | Viz příloha č. 1 tohoto osvědčení
See Annex 1 of this approval certificate |
| 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) | : | ENDURO TRAIL-ADV |
| 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 | : | 170/60ZR17 |
| 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 | : | 72 |
| 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. | Technický servis a případně
zkušební laboratoř schválená pro
účely schvalování 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, a.s.
Rubber Technology and
Testing Institute, Comp.
Šternberská 446, Louky,
763 02 ZLÍN,
CZECH REPUBLIC |
| 6. | Datum protokolu, vydaného touto
zkušebnou
Date of report issued by that service | 18.11.2022, 14.03.2023
23.03.2023, 14.03.2023 |
| 7. | Číslo protokolu, vydaného touto
zkušebnou
Number of report issued by that service | 2022-5831, 2023-1602
2023-1712, 2023-1606 |
| 8. | Důvod pro rozšíření (je-li potřebné)
Reason (s) of extension (if applicable) | N/A |
| 9. | Poznámky
Any remarks | Max. povolená rychlost 270 km/h
Max. permitted speed 270 km/h |
| 10. | Místo
Place | Praha
Prague |
| 11. | Datum
Date | |
| 12. | Podpis
Signature | 
<small>Elektronický podpis - 1.9.2023
Certifikát autora podpisu :
Jméno : Ing. Jiří Pošta
Vydal : PostSignum Qualified CA 4
Platnost do : 19.12.2025 11:02:55+00:00</small> |

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 udělení homologace / 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
- 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 001438

Příloha č. 1 - Jméno a adresa výrobce
Annex 1 – Manufacturer's name and address:

Tyre Manufacturer (1)

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

Tyre Manufacturer (2)

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

Tyre Manufacturer (3)

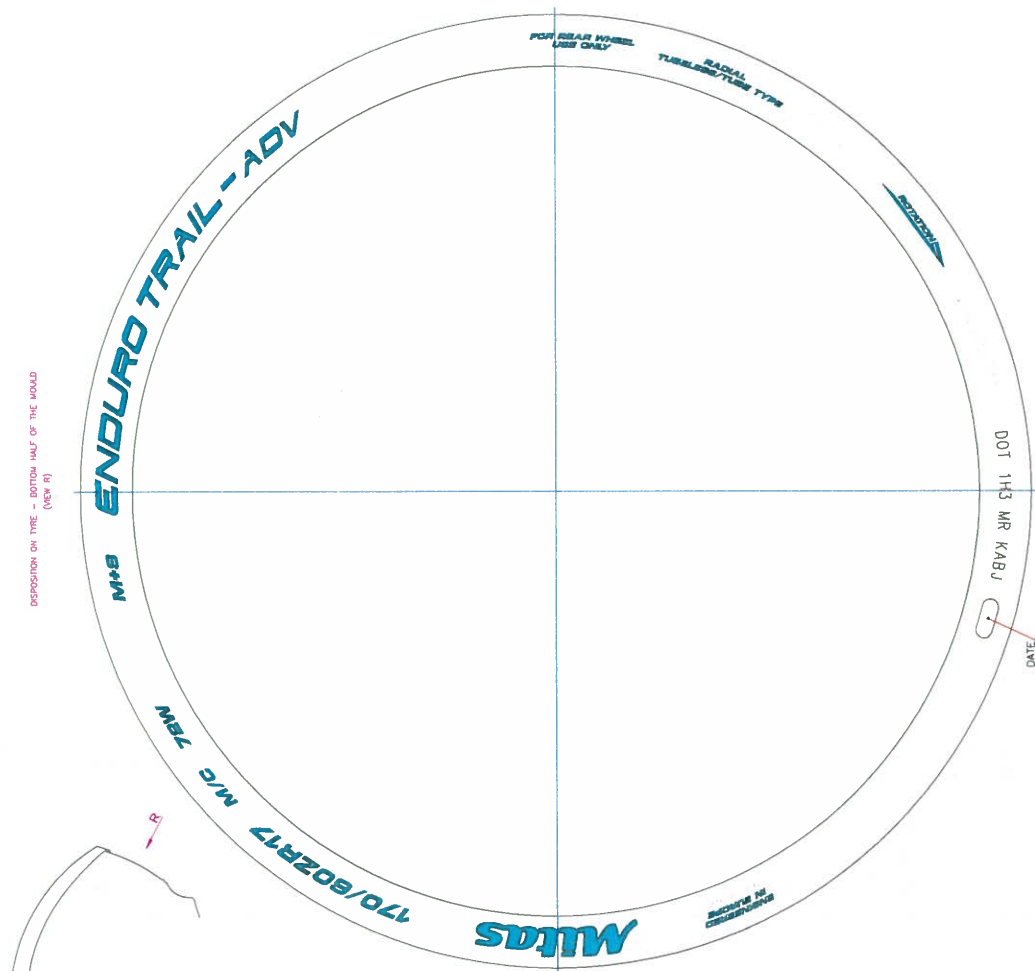
Trelleborg Wheel Systems Moto, d.o.o.
Škofjeloška cesta 6
4000 Kranj, SLOVENIA

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

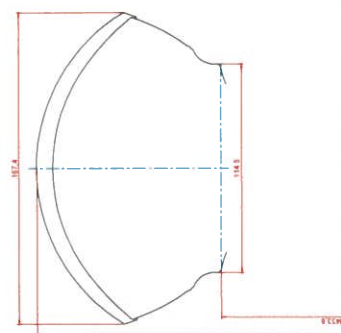
4.1.1. Tyre size designation:	170/60ZR17
4.1.2. Manufacturers name, tyre name:	MITAS, ENDURO TRAIL-ADV
4.1.3. The category of use:	SNOW
4.1.4. Structure (diagonal, bias belted, radial):	RADIAL
4.1.5. The speed category:	W
4.1.6. The load-capacity index of the tyre:	72
4.1.7. Tube type or Tubeless:	TUBELESS/TUBE TYPE
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: 167.4 mm
overall diameter:	Overall diameter: 637.0 mm
4.1.11. The rims on which the tyre can be mounted:	4.50-17, 5.00-17, 5.50-17
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.	270 km/h



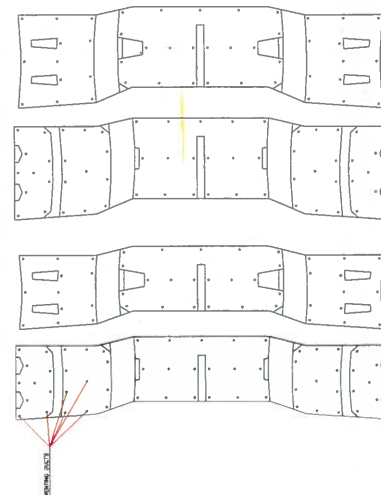
DISPOSITION ON TYRE - BOTTOM HALF OF THE MOULD
(VIEW R)



CROSS SECTION OF MOUNTED TIRE



OVERALL (2000) MILES RUNNION TRAIL - 4TH TRAIL PATTERN



IC/ID: 46900080 DIČ/VAT: CZ46900080

[illegible]

**TRELLEBORG****TEST REPORT No. 2022 - 5831**

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-42/22 No.6,7,13,14,20,21,23,25 (ECE testing)

Requirement No.: BG/22063
 Dept.: Moto Kranj Task: 10C/2022/BG
 Project No.: 10C/2022/BG
 Application date: 14.10.2022
 Report issue date: 18.11.2022

2. Tested sample: Tyre Sort: M Ident. No.: 54020
 Dimension 170/60R17 Name: Mitas Enduro Trail-ADV E-07+
 Designation 5, V3 Product: TWS Moto Approval E8 75R 001438
 LI: 72 SS: V IP: 290 kPa PR LR: B Type TL/TT M+S/M
 Weight: 6,36 kg Measuring rim 4,50x17 DOT: 1H3 DOP: 4022

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: kPa
 Load: daN Drum speed: km/h Slip: 0° Camber: 0°
 Cycle min/max: Track min/max: km

5. Results: See appendix of protocol: 22-5831
 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.: 54020 Size: 170/60R17 Mitas Enduro Trail-ADV Method: KPB-M-003

Date: 16.11.2022

Dimension of approval mark:

diameter of circle: 11 mm

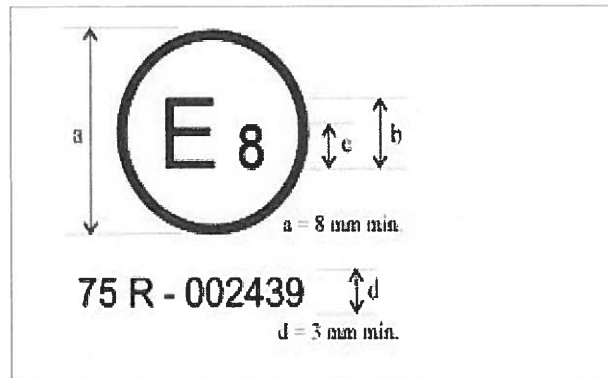
height of letter E: 6 mm

height of number: 4 mm

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

Sidewall lettering:

b >= 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): Yes

MST (mark): Yes

Date of production (wwyy): Yes

M/C (mark): Yes

MOPED or CYCLOMOTEUR (text): -

(W) for SS>270km/h: No

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 - 1602**

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-07/23 (Št.3) No.9,18,23 (ECE homologation)

Requirement No.: BG/23008
 Dept.: Moto Kranj Task: 03B/2023/BG
 Project No.: 03B/2023/BG
 Application date: 10.03.2023
 Report issue date: 14.03.2023

2. Tested sample: Tyre Sort: M Ident. No.: 55122
 Dimension 170/60R17 Name: Mitas Enduro Trail-ADV
 Designation 18 Product: TWS Moto Approval E8 75R 001438
 LI: 72 SS: W IP: 290 kPa PR LR: B Type TL/TT M+S M
 Weight: 6,2 kg Measuring rim 4,50x17 DOT: 1H3 DOP: 0923

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: 637 mm
 Overall width: 167,3 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 Sliž



Sample No 55122 Tyre size: 170/60R17 Mitas Enduro Tra 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
11.03.2023	280	2 000	166,9	166,8	167,3	167,2	167	166,7	167,3	637

TEST REPORT No. 2023 - 1712

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
Requirement No.: BG/23008
Dept.: Moto Kranj Task: 03B/2023/BG
Project No.: 03B/2023/BG
Application date: 10.03.2023
Responsible: Mr. Gubanc Report issue date: 23.03.2023
Test motive: Prototype tyres P-07/23 (Št.3) No.9,18,23 (ECE homologation)

2. Tested sample: Tyre Sort: M Ident. No.: 55243
Dimension 170/60ZR17 Name: Mitas Enduro Trail-ADV
Designation 6 Product: TWS Moto Approval E8 75R 001438
LI: 72 SS: W IP: 290 kPa PR LR: B Type TL M+S MST
Weight: 6,16 kg Measuring rim 4,50x17 DOT: 1H3 DOP: 0923

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: 170 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: 107 059 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.: 55243		Dimension:		170/60ZR17		Mitas Enduro Trail-		Test:		RZ-M-003			
ID No.	Test stage	Date time dd.mm.yyyy hh:mm:ss	Step duration hh: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	17.03.2023 11:16:14	000:00:00	000:00:00			320			36,2			638
2	Cont	17.03.2023 11:37:05	000:20:00	000:20:00	119,9	169		308		36,5	40	20 427	11
3	Cont	17.03.2023 11:47:07	000:10:00	000:30:00	240,0	169		309		37,2	80	40 871	10
4	Cont	17.03.2023 11:57:09	000:10:00	000:40:00	250,1	169		309		37,5	122	62 094	10
5	Cont	17.03.2023 12:07:11	000:10:00	000:50:00	260,1	169		309		37,7	165	84 166	10
6	Cont	17.03.2023 12:17:13	000:10:00	001:00:00	270,0	169		309		37,9	210	107 059	10
7	Int:M	17.03.2023 12:20:23	000:03:10	001:00:00						37,8			
8	Int:O	17.03.2023 19:07:42	006:47:19	001:00:00			318			37,8			637
9	End	18.03.2023 8:00:53	012:53:11	001:00:00						37,8			

Tyre width immediately after end of test(mm): 169,7 - 169,8 - 169,8 - 169,7 - 169,7 - 169,7

Change of tyre circumference before test and 6h after test (%): 0,10

Cont=Continuation, Int=Interruption: M-compulsory check, O-operator check, K-radius low limit, H-inflation low limit, T-surface temperature limit, S-tread or sidewall separation, C-cycles limit, D-distance limit, Ĉ-time limit, P-machine problem, A-current increase

TEST REPORT No. 2023 - 1606

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
Requirement No.: BG/23008
Dept.: Moto Kranj Task: 03B/2023/BG
Project No.: 03B/2023/BG
Application date: 10.03.2023
Responsible: Mr. Gubanc Report issue date: 14.03.2023
Test motive: Prototype tyres P-07/23 (Št.3) No.9,18,23 (ECE homologation)

2. Tested sample: Tyre Sort: M Ident. No.: 55124
Dimension 170/60R17 Name: Mitas Enduro Trail-ADV
Designation 23 Product: TWS Moto Approval E8 75R 00
LI: 72 SS: W IP: 290 kPa PR LR: B Type TL/TT M+S M
Weight: 6,16 kg Measuring rim 4,50x17 DOT: 1H3 DOP: 0923

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: 226 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: 98 620 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.: 55124		Dimension:		170/60R17		Mitas Enduro Trail-		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	13.03.2023 14:42:18	000:00:00	000:00:00			320			34,5			638
2	Cont	13.03.2023 15:03:08	000:20:00	000:20:00	124,9	224		304		34,7	42	21 362	15
3	Cont	13.03.2023 15:23:10	000:20:00	000:40:00	250,0	224		306		35,4	125	64 065	13
4	Cont	13.03.2023 15:33:12	000:10:00	000:50:00	265,0	224		306		35,6	169	86 630	13
5	Cont	13.03.2023 15:38:14	000:05:00	000:55:00	280,0	224		306		35,7	192	98 620	12
6	Int:M	13.03.2023 15:44:09	000:05:55	000:55:00						35,4			
7	Int:O	14.03.2023 6:41:47	014:57:38	000:55:00			312			35,4			638
8	End	14.03.2023 6:41:52	000:00:05	000:55:00						35,4			

Tyre width immediately after end of test(mm): 170,2 - 170,2 - 170,3 - 170,3 - 170,2 - 170,1

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

Cont=Continuation, Int=Interruption: M-compulsory check, O-operator check, K-radius low limit, H-inflation low limit, T-surface temperature limit, S-tread or sidewall separation, C-cycles limit, D-distance limit, Č-time limit, P-machine problem, A-current increase