



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 29th August 2023

E8*75R00/19*1549*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:

150/70B18 MITAS ENDURO TRAIL XT+ 70T

with the approval number : **E8 75R - 001549**
date of inspection : **29th August 2023**
inspector's name : **Václav Hořelka**

Sincerely yours,

IGTT a.s.

Tyre Approval Department
Šternberská 446, Louky
763 02 Zlín, Czech Republic

IČ/ID: 46900080 DIČ/VAT: CZ46900080



21

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⁾:

UDĚLENÍ HOMOLOGACE

ROZŠÍŘENÍ HOMOLOGACE
ZAMÍTNUTÍ HOMOLOGACE
ODEBRÁNÍ HOMOLOGACE
DEFINITIVNÍM UKONČENÍ VÝROBY

COMMUNICATION concerning ⁽¹⁾:

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APPROVAL WITHDRAWN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*1549*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 XT+ |
| 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 | : | 150/70B18 |
| 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 | : | T |
| 4.5. | Indexy nosnosti
Load capacity index | : | 70 |
| 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 | 23.05.2023, 23.05.2023
23.05.2023, 25.05.2023 |
| 7. | Číslo protokolu, vydaného touto
zkušebnou
Number of report issued by that service | 2023-2679, 2023-2681
2023-2684, 2023-2685 |
| 8. | Důvod pro rozšíření (je-li potřebné)
Reason (s) of extension (if applicable) | N/A |
| 9. | Poznámky
Any remarks | N/A |
| 10. | Místo
Place | Praha
Prague |
| 11. | Datum
Date | |
| 12. | Podpis
Signature |  <div style="font-size: small;"> Elektronický podpis - 29.8.2023
 Certifikát autora podpisu :
 Jméno : Ing. Bc. Ivan Novák
 Vydal : PostSignum Qualified CA 4
 Platnost do : 25.2.2026 11:47:25 (UTC) </div> |
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 001549

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 MOTORCYCLES AND MOPEDS ACCORDING TO ECE REGULATION No. 75**

E8 75R – 001549

4.1.1. Tyre size designation:	150/70B18
4.1.2. Manufacturers name, tyre name:	MITAS, ENDURO TRAIL XT+
4.1.3. The category of use:	SNOW
4.1.4. Structure (diagonal, bias belted, radial):	BIAS BELTED
4.1.5. The speed category:	T
4.1.6. The load-capacity index of the tyre:	70
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 motorcycle derivatives:	TREAD: 2 POLYESTER+ 2 ARAMID SIDEWALL: 2 POLYESTER
The overall dimensions	
4.1.10. overall section width:	Overall section width: 166,1 mm
overall diameter:	Overall diameter: 683.0 mm
4.1.11. The rims on which the tyre can be mounted:	3.50-18, 3.75-18, 4.00-18, 4.25-18, 4.50-18
4.1.12. The measuring rim and test rim:	4.50-18
4.1.13. The test and measurement pressure	Test pressure: 350 kPa Measuring pressure: 280 kPa
4.1.14. Factor x	/
4.1.15. Max allowed speed for load-capacity defined in 4.1.6.	190 km/h

Manufacturer's name and address:

Tyre Manufacturer (1)

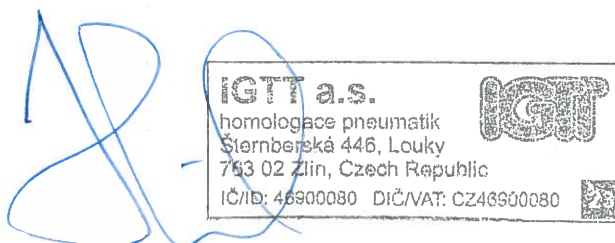
SYAM Trelleborg Tires LLP
Plot No. 521, Sayakha Industrial Estate,
Near Village Juned, Taluka Vagra,
Dist. Bharuch, Gujarat, Pin-392140.

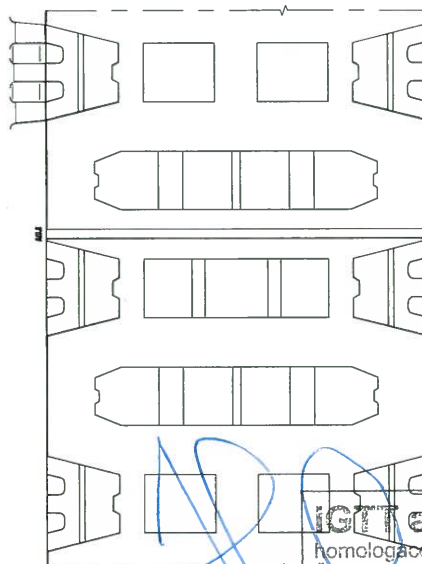
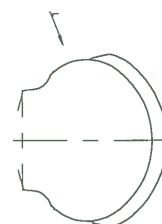
Tyre Manufacturer (2)

Trelleborg Wheel Systems Czech Republic a.s.
Výrobní usek 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





OVERALL (open) MITAS ENDURO TRAIL XT+ PATTERN

homologace pneumatik
Stěrnberská 446, Louky
763 02 Zlín, Czech Republic
IČ/ID: 46900080 DIČ/VAT: CZ46900080



Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12	Unit 13	Unit 14	Unit 15	Unit 16	Unit 17	Unit 18	Unit 19	Unit 20	Unit 21	Unit 22	Unit 23	Unit 24	Unit 25	Unit 26	Unit 27	Unit 28	Unit 29	Unit 30	Unit 31	Unit 32	Unit 33	Unit 34	Unit 35	Unit 36	Unit 37	Unit 38	Unit 39	Unit 40	Unit 41	Unit 42	Unit 43	Unit 44	Unit 45	Unit 46	Unit 47	Unit 48	Unit 49	Unit 50	Unit 51	Unit 52	Unit 53	Unit 54	Unit 55	Unit 56	Unit 57	Unit 58	Unit 59	Unit 60	Unit 61	Unit 62	Unit 63	Unit 64	Unit 65	Unit 66	Unit 67	Unit 68	Unit 69	Unit 70	Unit 71	Unit 72	Unit 73	Unit 74	Unit 75	Unit 76	Unit 77	Unit 78	Unit 79	Unit 80	Unit 81	Unit 82	Unit 83	Unit 84	Unit 85	Unit 86	Unit 87	Unit 88	Unit 89	Unit 90	Unit 91	Unit 92	Unit 93	Unit 94	Unit 95	Unit 96	Unit 97	Unit 98	Unit 99	Unit 100	Unit 101	Unit 102	Unit 103	Unit 104	Unit 105	Unit 106	Unit 107	Unit 108	Unit 109	Unit 110	Unit 111	Unit 112	Unit 113	Unit 114	Unit 115	Unit 116	Unit 117	Unit 118	Unit 119	Unit 120	Unit 121	Unit 122	Unit 123	Unit 124	Unit 125	Unit 126	Unit 127	Unit 128	Unit 129	Unit 130	Unit 131	Unit 132	Unit 133	Unit 134	Unit 135	Unit 136	Unit 137	Unit 138	Unit 139	Unit 140	Unit 141	Unit 142	Unit 143	Unit 144	Unit 145	Unit 146	Unit 147	Unit 148	Unit 149	Unit 150	Unit 151	Unit 152	Unit 153	Unit 154	Unit 155	Unit 156	Unit 157	Unit 158	Unit 159	Unit 160	Unit 161	Unit 162	Unit 163	Unit 164	Unit 165	Unit 166	Unit 167	Unit 168	Unit 169	Unit 170	Unit 171	Unit 172	Unit 173	Unit 174	Unit 175	Unit 176	Unit 177	Unit 178	Unit 179	Unit 180	Unit 181	Unit 182	Unit 183	Unit 184	Unit 185	Unit 186	Unit 187	Unit 188	Unit 189	Unit 190	Unit 191	Unit 192	Unit 193	Unit 194	Unit 195	Unit 196	Unit 197	Unit 198	Unit 199	Unit 200	Unit 201	Unit 202	Unit 203	Unit 204	Unit 205	Unit 206	Unit 207	Unit 208	Unit 209	Unit 210	Unit 211	Unit 212	Unit 213	Unit 214	Unit 215	Unit 216	Unit 217	Unit 218	Unit 219	Unit 220	Unit 221	Unit 222	Unit 223	Unit 224	Unit 225	Unit 226	Unit 227	Unit 228	Unit 229	Unit 230	Unit 231	Unit 232	Unit 233	Unit 234	Unit 235	Unit 236	Unit 237	Unit 238	Unit 239	Unit 240	Unit 241	Unit 242	Unit 243	Unit 244	Unit 245	Unit 246	Unit 247	Unit 248	Unit 249	Unit 250	Unit 251	Unit 252	Unit 253	Unit 254	Unit 255	Unit 256	Unit 257	Unit 258	Unit 259	Unit 260	Unit 261	Unit 262	Unit 263	Unit 264	Unit 265	Unit 266	Unit 267	Unit 268	Unit 269	Unit 270	Unit 271	Unit 272	Unit 273	Unit 274	Unit 275	Unit 276	Unit 277	Unit 278	Unit 279	Unit 280	Unit 281	Unit 282	Unit 283	Unit 284	Unit 285	Unit 286	Unit 287	Unit 288	Unit 289	Unit 290	Unit 291	Unit 292	Unit 293	Unit 294	Unit 295	Unit 296	Unit 297	Unit 298	Unit 299	Unit 300	Unit 301	Unit 302	Unit 303	Unit 304	Unit 305	Unit 306	Unit 307	Unit 308	Unit 309	Unit 310	Unit 311	Unit 312	Unit 313	Unit 314	Unit 315	Unit 316	Unit 317	Unit 318	Unit 319	Unit 320	Unit 321	Unit 322	Unit 323	Unit 324	Unit 325	Unit 326	Unit 327	Unit 328	Unit 329	Unit 330	Unit 331	Unit 332	Unit 333	Unit 334	Unit 335	Unit 336	Unit 337	Unit 338	Unit 339	Unit 340	Unit 341	Unit 342	Unit 343	Unit 344	Unit 345	Unit 346	Unit 347	Unit 348	Unit 349	Unit 350	Unit 351	Unit 352	Unit 353	Unit 354	Unit 355	Unit 356	Unit 357	Unit 358	Unit 359	Unit 360	Unit 361	Unit 362	Unit 363	Unit 364	Unit 365	Unit 366	Unit 367	Unit 368	Unit 369	Unit 370	Unit 371	Unit 372	Unit 373	Unit 374	Unit 375	Unit 376	Unit 377	Unit 378	Unit 379	Unit 380	Unit 381	Unit
--------	--------	--------	--------	--------	--------	--------	--------	--------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	------

TEST REPORT No. 2023 - 2679

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.: DLI/23056
 Škofjeloška cesta 6 Dept.: Moto Kranj Task: 05C/2023/DLI
 4000 Kranj Project No.: 70001029
 Slovenia Application date: 18.05.2023
 Responsible: Mr. Lončarič Report issue date: 23.05.2023
 Test motive: Prototype tyres V2 (ECE homologation), code: 70001029 (224169)

2. Tested sample: Tyre Sort: M Ident. No.: 55718
 Dimension 150/70B18 Name: Mitas Enduro Trail XT+
 Designation 1, V2 Product: TWS India Approval -
 LI: 70 SS: T IP: 290 kPa PR LR: B Type TL/TT M+S M
 Weight: 7,68 kg Measuring rim 4,25x18 DOT: - DOP: 0823

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

4. Test condition: Testing machine: - Drum: - mm Ambient temperature: 25±5°C
 Testing rim: MT4,50x18 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: 23-2679

Undergo cycles: Undergo track: km

6. Evaluation: Criterion defined in ECE-R75 and other standards
 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 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. The laboratory is responsible for all the information provided in the report, except the "designation" which is provided by customer.

Approved by: Laboratory quality manager Ing. Petr Husták, Ph.D.



Sample No.: 55718

Size: 150/70B18

Mitas Enduro Trail XT+

Method: KPB-M-003

Date: 21.05.2023

Dimension of approval mark:

diameter of circle: 0 mm

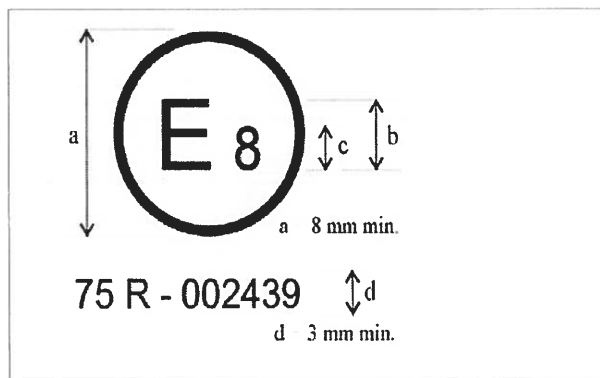
height of letter E: 0 mm

height of number: 0 mm

height of text 75R....: 0 mm

Sidewall lettering:

b >= 4 mm (min): 0 mm



b TUBELESS M + S

Measured where (text): -

Size designation (text): Yes

Structure (diagonal/bias belted/radial): B

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

TEST REPORT No. 2023 - 2681

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.: DLI/23056
Škofjeloška cesta 6 Dept.: Moto Kranj Task: 05C/2023/DLI
4000 Kranj Project No.: 70001029
Slovenia Application date: 18.05.2023
Responsible: Mr. Lončarič Report issue date: 23.05.2023
Test motive: Prototype tyres V2 (ECE homologation), code: 70001029 (224169)

2. Tested sample: Tyre Sort: M Ident. No.: 55718
Dimension 150/70B18 Name: Mitas Enduro Trail XT+
Designation 1, V2 Product: TWS India Approval -
LI: 70 SS: T IP: 290 kPa PR LR: B Type TL/TT M+S M
Weight: 7,68 kg Measuring rim 4,25x18 DOT: - DOP: 0823

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: MT4,50x18 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: 683 mm
Overall width: 166,1 mm
Undergo cycles: Undergo track: km

6. Evaluation: Criterion defined in ECE-R75
Udiam = 1,5 mm ; Uwidth = 1,0 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 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. The laboratory is responsible for all the information provided in the report, except the "designation" which is provided by customer.

Approved by: Laboratory quality manager Ing. Petr Husták, Ph.D.



Sample No 55718 Tyre size: 150/70B18 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
23.05.2023	280	2 144	166,1	165,5	165,8	165,3	166	166,1	166,1	683

TEST REPORT No. 2023 - 2684

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.:	DLI/23056
	Škofjeloška cesta 6	Dept.:	Moto Kran Task: 05C/2023/DLI
	4000 Kranj	Project No.:	70001029
	Slovenia	Application date:	18.05.2023
	Responsible: Mr. Lončarič	Report issue date:	23.05.2023
Test motive: Prototype tyres V2 (ECE homologation), code: 70001029 (224169)			

2. Tested sample:	Tyre	Sort:	M	Ident. No.:	55719						
	Dimension	150/70B18	Name:	Mitas Enduro Trail XT+							
	Designation	2, V2	Product:	TWS India	Approval -						
	LI:	70	SS:	T	IP:	290 kPa	PR	LR:	B	Type	TL/TT M+S M
	Weight:	7,64	kg	Measuring rim	4,25x18	DOT:-	DOP:	0823			

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:	4,00x18 H2	Inflation:	350	kPa	capped				
	Load:	214	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: 0,2 %			
Undergo cycles:	67 308	Undergo track:	143	km

6. Evaluation:	Criterion	no defects and circumf.difference before and 6h after test max. ±3,5%
	Uinfl = 3 kPa; Utime +1 s; Uspeed = 2 km/h;	
	Uload = 5% (40 - 500 daN), 1% (501 - 30000 daN)	
	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. The laboratory is responsible for all the information provided in the report, except the "designation" which is provided by customer.

Approved by: Laboratory quality manager Ing. Petr Husták, Ph.D.



Sample No.: 55719		Dimension: 150/70B18		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	22.05.2023 8:07:14	000:00:00	000:00:00			350			35,8			685
2	Cont	22.05.2023 8:28:03	000:20:00	000:20:00	80,0	215		334		36,0	27	12 604	9
3	Cont	22.05.2023 8:38:05	000:10:00	000:30:00	160,0	215		336		36,1	53	25 182	6
4	Cont	22.05.2023 8:48:08	000:10:00	000:40:00	170,0	215		337		36,2	82	38 473	6
5	Cont	22.05.2023 8:58:10	000:10:00	000:50:00	180,1	215		337		36,3	112	52 529	5
6	Cont	22.05.2023 9:08:12	000:10:00	001:00:00	190,0	215		338		36,3	143	67 308	4
7	Int:M	22.05.2023 9:12:41	000:04:29	001:00:00						36,2			
8	Int:O	22.05.2023 15:31:49	006:19:08	001:00:00			342			36,2			686
9	End	22.05.2023 15:31:53	000:00:03	001:00:00						36,2			

Tyre width immediately after end of test(mm): 163,5 - 163,9 - 163,5 - 163,6 - 164,0 - 163,7

Change of tyre circumference before test and 6h after test (%): 0,19

TEST REPORT No. 2023 - 2685

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.:	DLI/23056
	Škofjeloška cesta 6	Dept.:	Moto Kran Task: 05C/2023/DLI
	4000 Kranj	Project No.:	70001029
	Slovenia	Application date:	18.05.2023
	Responsible: Mr. Lončarič	Report issue date:	25.05.2023
Test motive: Prototype tyres V2 (ECE homologation), code: 70001029 (224169)			

2. Tested sample:	Tyre	Sort:	M	Ident. No.:	55719	
	Dimension	150/70B18	Name:	Mitas Enduro Trail XT+		
	Designation	2, V2	Product:	TWS India	Approval	-
	LI:	70	SS:	T	IP:	290 kPa
	Weight:	7,64 kg	Measuring rim	4,25x18	DOT:	-
DOP: 0823						

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:	4,00x18 H2	Inflation:	290 kPa	capped		
	Load:		daN	Drum speed:	190 km/h	Slip:	0°
	Cycle min/max:		Track min/max:		km		

5. Results:	Max. centrifugal radius of tyre at max. speed: 346,4 mm	
	Overall width of tyre at max. speed: 151,0 mm	
Undergo cycles:		
Undergo track:		

6. Evaluation:	Criterion	profil doesn't exceed limit curve
	Uinfl = 3 kPa; Utime +1 s; Uspeed = 2 km/h; Udist=0,7mm	

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 profile record : S1-Test limit, S2-10 km/h, S3-190 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 Testing Laboratory. The results apply to the sample as received. The laboratory is responsible for all the information provided in the report, except the "designation" which is provided by customer.
--------------------	--

Approved by: Laboratory quality manager Ing. Petr Husták, Ph.D.



