



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



Zlín 29th August 2023

E8*75R00/19*1575*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:

150/70B17 MITAS ENDURO TRAIL E-07 69H

with the approval number : **E8 75R - 001575**
date of inspection : **29th August 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⁾:

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APPROVAL WITHDRAWN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*1575*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 E-07 |
| 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 | : | 150/70B17 |
| 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 | : | H |
| 4.5. | Indexy nosnosti
Load capacity index | : | 69 |
| 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
- 06.06.2023, 06.06.2023
19.06.2023, 21.06.2023
7. Číslo protokolu, vydaného touto zkušebnou
Number of report issued by that service
- 2023-2995, 2023-2997
2023-3000, 2023-3001
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
- Elektronický podpis - 29.8.2023
Certifikátor podpisu :
Jméno : Ing. Bc. Ivan Novák
Vydal : PostSignum Qualified CA 4
Platnost do : 25.2.2026 11:40:25+000 (+01:00)
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 001575

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 – 001575

4.1.1. Tyre size designation:	150/70B17
4.1.2. Manufacturers name, tyre name:	MITAS, ENDURO TRAIL E-07
4.1.3. The category of use:	SNOW
4.1.4. Structure (diagonal, bias belted, radial):	BIAS BELTED
4.1.5. The speed category:	H
4.1.6. The load-capacity index of the tyre:	69
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
4.1.10. The overall dimensions overall section width: overall diameter:	Overall section width: 149.1 mm Overall diameter: 653.0 mm
4.1.11. The rims on which the tyre can be mounted:	3.50-17, 3.75-17, 4.00-17, 4.25-17; 4.50-17
4.1.12. The measuring rim and test rim:	4.50-17
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.	210 km/h

Manufacturer's name and address:

Tyre Manufacturer (1)

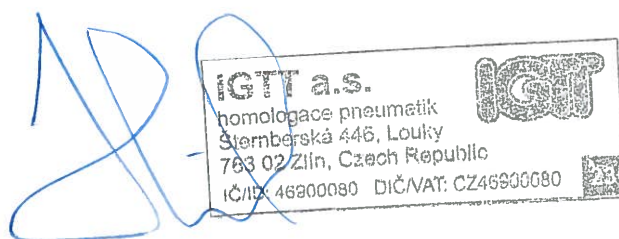
SYAM Trelleborg Tires LLP
Plot No. 521, Sayakha Industrial Estate,
Near Village Juned, Taluka Vagra,
Dist. Bharuch, Gujarat, Pin-392140.

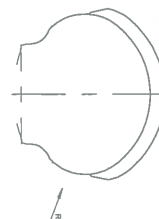
Tyre Manufacturer (2)

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

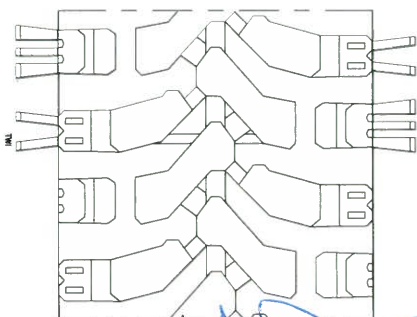
Tyre Manufacturer (3)

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

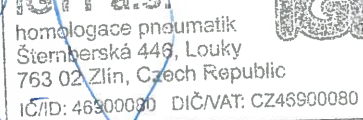




homologace pneumatik
Štemberská 446, Louky
763 02 Zlín, Czech Republic
IČ/ID: 46900080 DIČ/VAT: CZ46900080



OVERALL (open) MITAS ENDURO TRAIL E-07 TREAD PATTERN



NAME	LAST	FIRST	MIDDLE	INITIALS	DATE	TIME	LOCATION	REMARKS
1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27
28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45
46	47	48	49	50	51	52	53	54
55	56	57	58	59	60	61	62	63
64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81
82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99
100	101	102	103	104	105	106	107	108
109	110	111	112	113	114	115	116	117
118	119	120	121	122	123	124	125	126
127	128	129	130	131	132	133	134	135
136	137	138	139	140	141	142	143	144
145	146	147	148	149	150	151	152	153
154	155	156	157	158	159	160	161	162
163	164	165	166	167	168	169	170	171
172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189
190	191	192	193	194	195	196	197	198
199	200	201	202	203	204	205	206	207
208	209	210	211	212	213	214	215	216
217	218	219	220	221	222	223	224	225
226	227	228	229	230	231	232	233	234
235	236	237	238	239	240	241	242	243
244	245	246	247	248	249	250	251	252
253	254	255	256	257	258	259	260	261
262	263	264	265	266	267	268	269	270
271	272	273	274	275	276	277	278	279
280	281	282	283	284	285	286	287	288
289	290	291	292	293	294	295	296	297
298	299	300	301	302	303	304	305	306
307	308	309	310	311	312	313	314	315
316	317	318	319	320	321	322	323	324
325	326	327	328	329	330	331	332	333
334	335	336	337	338	339	340	341	342
343	344	345	346	347	348	349	350	351
352	353	354	355	356	357	358	359	360
361	362	363	364	365	366	367	368	369
370	371	372	373	374	375	376	377	378
379	380	381	382	383	384	385	386	387
388	389	390	391	392	393	394	395	396
397	398	399	400	401	402	403	404	405
406	407	408	409	410	411	412	413	414
415	416	417	418	419	420	421	422	

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

LOCATION

REMARKS

NAME

LAST

FIRST

MIDDLE

INITIALS

DATE

TIME

TEST REPORT No. 2023 - 2995

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. Lončarič
 Test motive: Prototype tyres V2 (ECE homologation), Code: 70001011 (224049)

Requirement No.: DLI/23067
 Dept.: Moto Kranj Task: 05N/2023/DLI
 Project No.: 70001011
 Application date: 31.05.2023
 Report issue date: 06.06.2023

2. Tested sample: Tyre
 Sort: M Ident. No.: 55832
 Dimension 150/70B17 Name: Mitas Enduro Trail E-07
 Designation 1, V2 Product: TWS India Approval -
 LI: 69 SS: H IP: 290 kPa PR LR: B Type TL/TT M+S M
 Weight: 7,58 kg Measuring rim 4,25x17 DOT: - DOP: 1423

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: 23-2995

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.: 55832 Size: 150/70B17 Mitas Enduro Trail E-07 Method: KPB-M-003

Date: 03.06.2023

Dimension of approval mark:

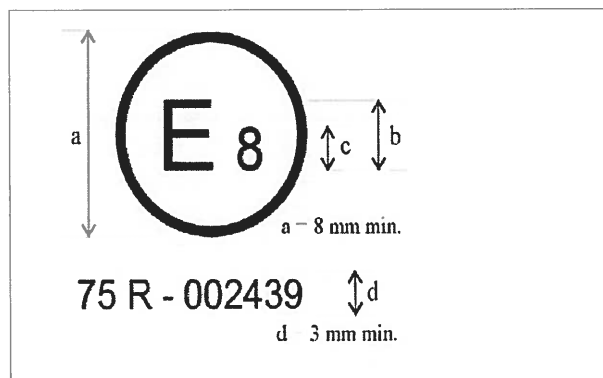
diameter of circle: 0 mm

height of letter E: 0 mm

height of number: 0 mm

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

Sidewall lettering:

b $\geq$ 4 mm (min): 3 mm

b TUBELESS M + S

Measured where (text): Tubeless

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 - 2997

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/23067
	Škofjeloška cesta 6	Dept.:	Moto Kran Task: 05N/2023/DLI
	4000 Kranj	Project No.:	70001011
	Slovenia	Application date:	31.05.2023
	Responsible: Mr. Lončarič	Report issue date:	06.06.2023
Test motive: Prototype tyres V2 (ECE homologation), Code: 70001011 (224049)			

2. Tested sample:	Tyre	Sort:	M	Ident. No.:	55832	
	Dimension	150/70B17	Name:	Mitas Enduro Trail E-07		
	Designation	1, V2	Product:	TWS India	Approval	-
	LI:	69	SS:	H	IP:	290 kPa
	Weight:	7,58 kg	Measuring rim	4,25x17	DOT:	-

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: 653 mm	
	Overall width: 149,1 mm	

Undergo cycles: Undergo track: km

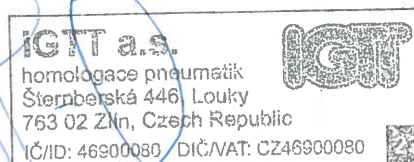
6. Evaluation:	Criterion defined in ECE-R75
	Udiam = 1,5 mm; Uwidth = 1,0 mm

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 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. 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 55832 Tyre size: 150/70B17 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
05.06.2023	280	2 051	148,6	149,1	148,5	149,1	148,8	148,8	149,1	653

TEST REPORT No. 2023 - 3000

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/23067
	Škofjeloška cesta 6	Dept.:	Moto Kran Task: 05N/2023/DLI
	4000 Kranj	Project No.:	70001011
	Slovenia	Application date:	31.05.2023
	Responsible: Mr. Lončarič	Report issue date:	19.06.2023
Test motive: Prototype tyres V2 (ECE homologation), Code: 70001011 (224049)			

2. Tested sample:	Tyre	Sort:	M	Ident. No.:	55833						
	Dimension	150/70B17	Name:	Mitas Enduro Trail E-07							
	Designation	2, V2	Product:	TWS India	Approval -						
	LI:	69	SS:	H	IP:	290 kPa	PR	LR:	B	Type	TL/TT M+S M
	Weight:	7,48	kg	Measuring rim	4,25x17	DOT:	-	DOP:	1423		

3. Test:	Speed test
	Method: RZ-M-003 accredited

4. Test condition:	Testing machine:	H1L	Drum:	1700	mm	Ambient temperature:	38±3°C			
	Testing rim:	MT4,50x17 H2	Inflation:	350	kPa	capped				
	Load:	207	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 %

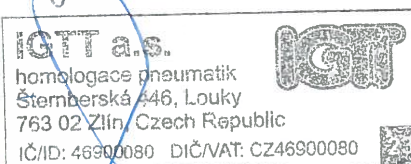
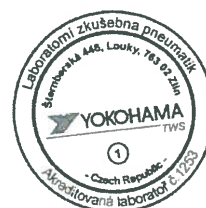
Undergo cycles: 72 888 Undergo track: 149 km

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. All tests are performed in lab permanent facility. 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.: 55833		Dimension:		150/70B17		Mitas Enduro Trail				Test:		RZ-M-003	
ID No.	Test stage	Date time dd.mm.rrrr 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	16.06.2023 7:58:11	000:00:00	000:00:00			350			36,2			654
2	Cont	16.06.2023 8:18:58	000:20:00	000:20:00	85,1	209		319		36,7	28	13 996	8
3	Cont	16.06.2023 8:30:01	000:10:00	000:30:00	170,0	209		321		37,6	57	27 884	6
4	Cont	16.06.2023 8:40:03	000:10:00	000:40:00	180,0	209		322		37,9	86	42 502	5
5	Cont	16.06.2023 8:50:05	000:10:00	000:50:00	190,0	209		323		38,2	118	57 890	5
6	Cont	16.06.2023 8:51:01	000:00:54	000:50:54	200,0	209		323		38,4	121	59 352	4
7	Int:S	16.06.2023 8:53:18	000:02:17	000:50:54						38,4			
8	Cont	16.06.2023 8:54:16	000:00:58	000:51:52	199,4	209		322		38,2	123	60 332	5
9	Int:S	16.06.2023 8:58:45	000:04:29	000:51:52						37,9			
10	Cont	16.06.2023 9:06:53	000:08:08	001:00:00	200,0	209		323		37,0	149	72 888	4
11	Int:M	16.06.2023 9:14:17	000:07:23	001:00:00						36,6			
12	Int:O	16.06.2023 15:08:17	005:54:01	001:00:00			345			36,6			655
13	End	16.06.2023 15:08:20	000:00:03	001:00:00						36,6			

Tyre width immediately after end of test(mm): 151,2 - 151,3 - 151,4 - 151,1 - 151,0 - 151,5

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

TEST REPORT No. 2023 - 3001

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/23067
	Škofjeloška cesta 6	Dept.:	Moto Kran Task: 05N/2023/DLI
	4000 Kranj	Project No.:	70001011
	Slovenia	Application date:	31.05.2023
	Responsible: Mr. Lončarič	Report issue date:	21.06.2023
Test motive: Prototype tyres V2 (ECE homologation), Code: 70001011 (224049)			

2. Tested sample:	Tyre	Sort:	M	Ident. No.:	55833
	Dimension 150/70B17	Name:	Mitas Enduro Trail E-07		
	Designation 2, V2	Product:	TWS India	Approval	-
	LI: 69 SS: H IP: 290kPa PR LR: B Type TL/TT M+S M				
	Weight: 7,48 kg Measuring rim 4,25x17	DOT: -	DOP: 1423		

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: MT4,50x17 H2	Inflation: 290kPa	capped
	Load: daN	Drum speed: 210km/h	Slip: 0° Camber: 0°
	Cycle min/max:	Track min/max:	km

5. Results:	Max. centrifugal radius of tyre at max. speed: 331,8 mm	
	Overall width of tyre at max. speed: 143,1 mm	

Undergo cycles: Undergo track: km

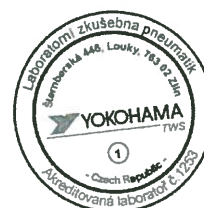
6. Evaluation:	Criterion profil doesn't exceed limit curve
	Uinfl = 3 kPa; Utime +1 s; Uspeed = 2 km/h; Udist=0,7mm

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, S3-210 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 Testing Laboratory. The results apply to the sample as received. All tests are performed in lab permanent facility. 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 Hůsták, Ph.D.



Sample No.: 55833

Dimension:

150/70B17

Mitas Enduro Trail

Test:

MDN-M-003

tyre
radius
mm

Measurement of tyre profile

— S1 — S2
— S3 — S4