



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*1557*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:

140/80B17 MITAS ENDURO TRAIL XT+ DAKAR 69T

with the approval number : **E8 75R - 001557**
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⁾:

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APPROVAL WITHDRAWN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*1557*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+ DAKAR |
| 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 | : | 140/80B17 |
| 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 | : | 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
07.06.2023, 14.06.2023
7. Číslo protokolu, vydaného touto zkušebnou
Number of report issued by that service
- 2023-3052, 2023-3054
2023-3056, 2023-3057
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
- E8 75 R 001557
Certifikát autora podpisu
Jméno: Ing. Bc. Ivan Novák
Vydal: PostSignum Qualified CA 4
Platnost do: 25.2.2026 11:49:25+0000 (UTC)
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 001557

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.
Vyrobní 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 – 001557

4.1.1. Tyre size designation:	140/80B17
4.1.2. Manufacturers name, tyre name:	MITAS, ENDURO TRAIL XT+ DAKAR
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:	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+ 3 ARAMID SIDEWALL: 2 POLYESTER
4.1.10. The overall dimensions overall section width: overall diameter:	Overall section width: 156.7 mm Overall diameter: 665 mm
4.1.11. The rims on which the tyre can be mounted:	2.75-17, 3.00-17, 3.50-17, 3.75-17
4.1.12. The measuring rim and test rim:	3.50-17
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.	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.

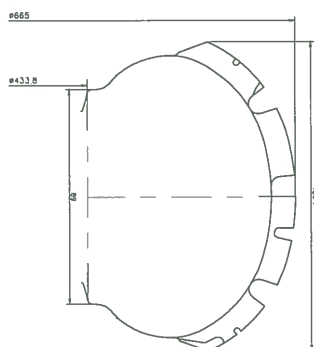
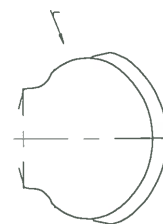
Tyre Manufacturer (2)

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

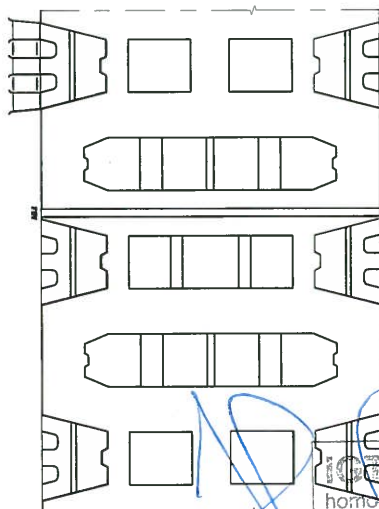
Tyre Manufacturer (3)

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





CROSS SECTION OF MOUNTED TREE



OVERALL (open) MITAS ENDURO TRAIL XT+ PATTERN

IGT a.s.
hornologace pneumatik
Siernberska 446, Louky
763 02 Zlín, Czech Republic
IČ/D: 46900080 DIČ/VAT: CZ46900080

[illegible]

TEST REPORT No. 2023 - 3052

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:	TWS vývoj Zlín	Requirement No.:	MM/23233
	areál a.s. Svít, budova 85	Dept.:	2610 Task:
	762 02 Zlín	Project No.:	70001024
	Česká republika	Application date:	31.05.2023
	Responsible: ing. Macháčová	Report issue date:	06.06.2023
Test motive: Testing of V5 spec. (Internal India - LEGAL), Code: 70001024 (22414)			

2. Tested sample:	Tyre	Sort:	M	Ident. No.:	55898	
	Dimension	140/80B17	Name:	Mitas Enduro Trail XT+ Dakar		
	Designation	V5	Product:	TWS India	Approval -	
	LI:	69	SS:	T	IP:	290 kPa
	PR	LR:	B	Type	TL/TT M+S/M	
Weight:	7,92	kg	Measuring rim	3,50x17	DOT: - DOP: 1923	

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

4. Test condition:	Testing machine:	-	Drum:	-	mm	Ambient temperature:	25±5°C	
	Testing rim:	MT3,50x17 H2	Inflation:		kPa			
	Load:		daN	Drum speed:		km/h	Slip:	0°
	Camber:		°					
Cycle min/max:			Track min/max:			km		

5. Results:	See appendix of protocol: 23-3052

Undergo cycles: Undergo track: km

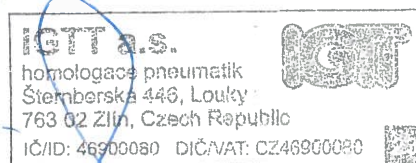
6. Evaluation:	Criterion defined in ECE-R75 and other standards
	U = 0,5 mm

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.: 55898 Size: 140/80B17 Mitas Enduro Trail XT+ D Method: KPB-M-003

Date: 05.06.2023

Dimension of approval mark:

diameter of circle: 0 mm

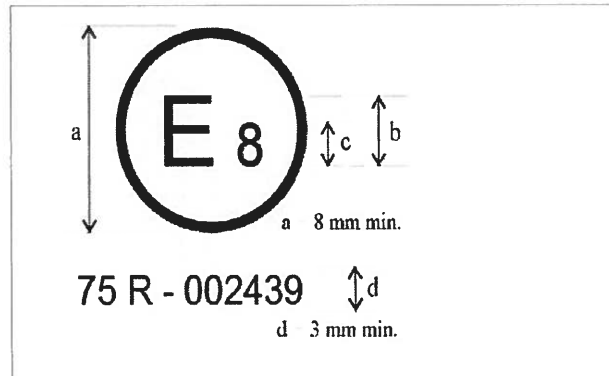
height of letter E: 0 mm

height of number: 0 mm

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

Sidewall lettering:

b >= 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 - 3054

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: TWS vývoj Zlín
areál a.s. Svit, budova 85
762 02 Zlín
Česká republika
Responsible: ing. Macháčová
Requirement No.: MM/23233
Dept.: 2610 Task:
Project No.: 70001024
Application date: 31.05.2023
Report issue date: 06.06.2023
Test motive: Testing of V5 spec. (Internal India - LEGAL), Code: 70001024 (22414)

2. Tested sample: Tyre
Sort: M Ident. No.: 55898
Dimension 140/80B17 Name: Mitas Enduro Trail XT+ Dakar
Designation V5 Product: TWS India Approval -
LI: 69 SS: T IP: 290 kPa PR LR: B Type TL/TT M+S/M
Weight: 7,92 kg Measuring rim 3,50x17 DOT: - DOP: 1923

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: 665 mm
Overall width: 156,7 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 55898 Tyre size: 140/80B17 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
06.06.2023	280	2 090	156,7	156,4	156,3	156,3	156,1	156,3	156,7	665

TEST REPORT No. 2023 - 3056

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: TWS vývoj Zlín Requirement No.: MM/23233
areál a.s. Svit, budova 85 Dept.: 2610 Task:
762 02 Zlín Project No.: 70001024
Česká republika Application date: 31.05.2023
Responsible: ing. Macháčová Report issue date: 07.06.2023
Test motive: Testing of V5 spec. (Internal India - LEGAL), Code: 70001024 (22414)

2. Tested sample: Tyre Sort: M Ident. No.: 55898
Dimension 140/80B17 Name: Mitas Enduro Trail XT+ Dakar
Designation V5 Product: TWS India Approval -
LI: 69 SS: T IP: 290 kPa PR LR: B Type TL/TT M+S/M
Weight: 7,92 kg Measuring rim 3,50x17 DOT: - DOP: 1923

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: 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: 0,1 %
Undergo cycles: 69 404 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.: 55898		Dimension:		140/80B17		Mitas Enduro Trail				Test:		RZ-M-003	
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	06.06.2023 11:56:51	000:00:00	000:00:00			350			36,1			666
2	Cont	06.06.2023 12:17:41	000:20:00	000:20:00	80,0	208		324		36,5	27	12 966	9
3	Cont	06.06.2023 12:27:44	000:10:00	000:30:00	160,0	208		326		36,6	53	25 926	7
4	Cont	06.06.2023 12:37:46	000:10:00	000:40:00	170,0	208		327		36,7	82	39 640	6
5	Cont	06.06.2023 12:47:48	000:10:00	000:50:00	180,1	208		327		36,6	111	54 146	6
6	Cont	06.06.2023 12:57:50	000:10:00	001:00:00	190,0	208		328		36,7	143	69 404	5
7	Int:M	06.06.2023 13:04:17	000:06:27	001:00:00						36,5			
8	Int:O	07.06.2023 6:22:39	017:18:22	001:00:00			342			36,5			665
9	End	07.06.2023 6:22:41	000:00:02	001:00:00						36,5			

Tyre width immediately after end of test(mm): 158,6 - 159,4 - 159,2 - 159,1 - 159,3 - 159,8

Change of tyre circumference before test and 6h after test (%): 0,05

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

TEST REPORT No. 2023 - 3057

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: TWS vývoj Zlín Requirement No.: MM/23233
areál a.s. Svít, budova 85 Dept.: 2610 Task:
762 02 Zlín Project No.: 70001024
Česká republika Application date: 31.05.2023
Responsible: ing. Macháčová Report issue date: 14.06.2023
Test motive: Testing of V5 spec. (Internal India - LEGAL), Code: 70001024 (22414)

2. Tested sample: Tyre Sort: M Ident. No.: 55898
Dimension 140/80B17 Name: Mitas Enduro Trail XT+ Dakar
Designation V5 Product: TWS India Approval -
LI: 69 SS: T IP: 290 kPa PR LR: B Type TL/TT M+S/M
Weight: 7,92 kg Measuring rim 3,50x17 DOT: - DOP: 1923

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
Load: daN Drum speed: 190 km/h Slip: 0° Camber: 0°
Cycle min/max: Track min/max: km

5. Results: Max. centrifugal radius of tyre at max. speed: 335,0 mm
Overall width of tyre at max. speed: 149,6 mm
Undergo cycles: Undergo track: km

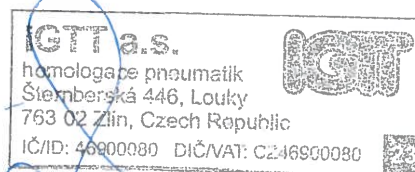
6. Evaluation: Criterion profil doesn't exceed limit curve
Uinfl = 3 kPa; Utime +1 s; Uspeed = 2 km/h; Udist=0,7mm

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, S3-190 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. 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.: 55898

Dimension:

140/80B17

Mitas Enduro Trail

Test:

MDN-M-003

tyre
radius
mm

Measurement of tyre profile

— S1 — S2
— S3 — S4