



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 25th September 2023

E8*75R00/19*1574*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 DAKAR 69H

with the approval number : **E8 75R - 001574**
date of inspection : **25th September 2023**
inspector's name : **Václav Hořelka**

Sincerely yours,



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

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

E8 75R – 001574

4.1.1. Tyre size designation:	150/70B17
4.1.2. Manufacturers name, tyre name:	MITAS, ENDURO TRAIL E-07 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:	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: 149.5 mm Overall diameter: 654.0 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)

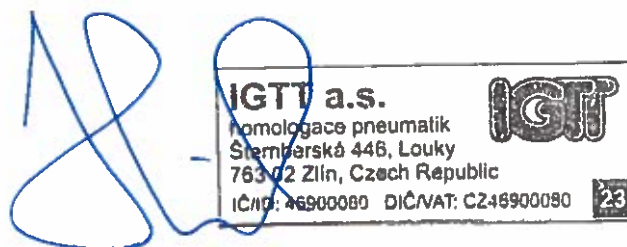
SYAM Trelleborg Tires LLP
Plot No. 521, Sayakha Industrial Estate,
Near Village Juned, Taluka Vagra,
Dist. Bharuch, Gujarat, Pin-392140.

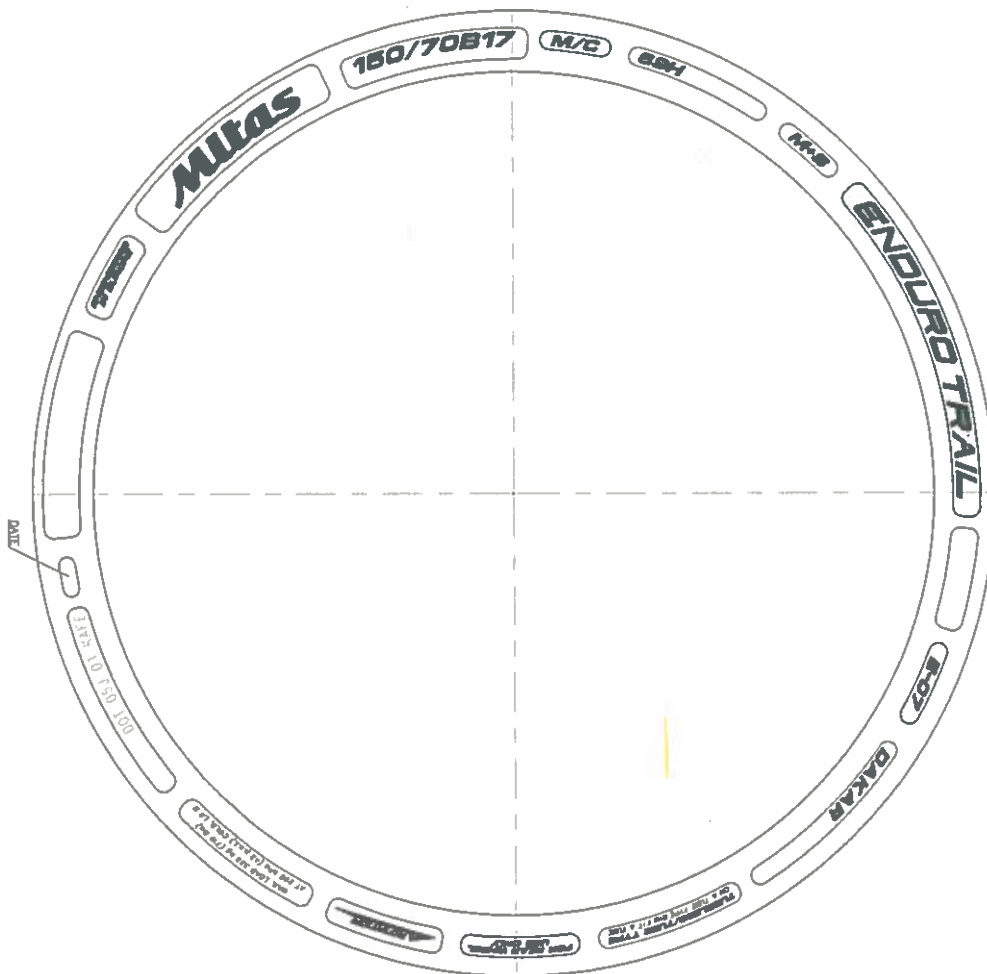
Tyre Manufacturer (2)

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

Tyre Manufacturer (3)

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





ORIENTACIÓN DE LA LINEA - BOTÓN DEL CILINDRO



Mitas		150/70B17		M/C		ENDURO TRAIL		K07		DAKAR		150 100 150 100		PATE	
Mitas		150/70B17		M/C		ENDURO TRAIL		K07		DAKAR		150 100 150 100		PATE	
Mitas		150/70B17		M/C		ENDURO TRAIL		K07		DAKAR		150 100 150 100		PATE	

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



TEST REPORT No. 2023 - 3019

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.: DLI/23069
Dept.: Moto Kranj Task: 05P/2023/DLI
Project No.: 70001010
Application date: 31.05.2023
Responsible: Mr. Lončarič
Report issue date: 06.06.2023
Test motive: Prototype tyres V2 (ECE homologation), Code: 70001010 (224053)

2. Tested sample: Tyre
Sort: M Ident. No.: 55850
Dimension 150/70B17 Name: Mitas Enduro Trail E-07 Dakar
Designation I, V2 Product: TWS India Approval -
LI: 69 SS: H IP: 290 kPa PR LR: B Type TL/TT M+S/M
Weight: 8,04 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: 23-3019
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: I. 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.: 55850 Size: 150/70B17 Mitas Enduro Trail E-07 Method: KPB-M-003

Date: 03.06.2023

Dimension of approval mark:

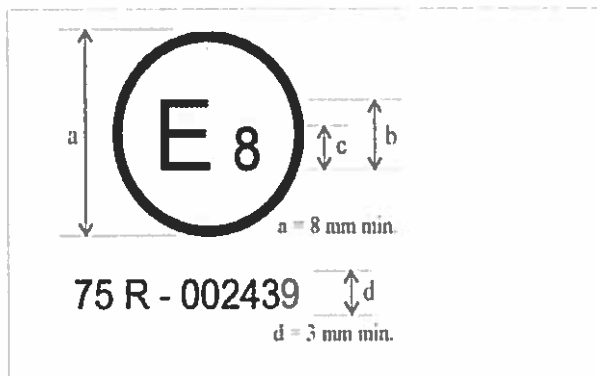
diameter of circle: 0 mm

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 - 3021

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/23069
Škofjeloška cesta 6 Dept.: Moto Kran Task: 05P/2023/DLI
4000 Kranj Project No.: 70001010
Slovenia Application date: 31.05.2023
Responsible: Mr. Lončarič Report issue date: 06.06.2023
Test motive: Prototype tyres V2 (ECE homologation), Code: 70001010 (224053)

2. Tested sample: Tyre Sort: M Ident. No.: 55850
Dimension 150/70B17 Name: Mitas Enduro Trail E-07 Dakar
Designation 1. V2 Product: TWS India Approval -
LI: 69 SS: H IP: 290 kPa PR LR: B Type TL/TT M+S/M
Weight: 8.04 kg Measuring rim 4.25x17 DOT: - DOP: 1423

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: 654 mm
Overall width: 149.5 mm
Undergo cycles: Undergo track: km

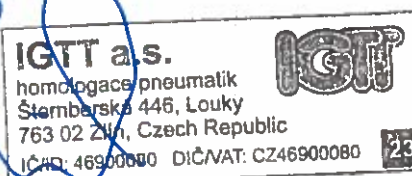
6. Evaluation: Criterion defined in ECE-R75
Udiam = 1.5 mm; Uwidth = 1.0 mm

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

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



Sample No 55850 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	2 054	149,3	149	149,2	149,2	149,5	149,2	149,5	654

TEST REPORT No. 2023 - 3024

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/23069
 Škofjeloška cesta 6 Dept.: Moto Kranj Task: 05P/2023/DLI
 4000 Kranj Project No.: 70001010
 Slovenia Application date: 31.05.2023
 Responsible: Mr. Lončarič Report issue date: 20.06.2023
 Test motive: Prototype tyres V2 (ECE homologation). Code: 70001010 (224053)

2. Tested sample: Tyre Sort: M Ident. No.: 55853
 Dimension 150/70B17 Name: Mitas Enduro Trail E-07 Dakar
 Designation 2. V2 Product: TWS India Approval -
 LI: 69 SS: H IP: 290 kPa PR LR: B Type TL/TT M+S/M
 Weight: 7.86 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: 73 968 Undergo track: 151 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.: 55853		Dimension:		150/70B17		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	16.06.2023 16:02:54	000:00:00	000:00:00			350			37,0			654
2	Cont	16.06.2023 16:23:42	000:20:00	000:20:00	85,1	209		319		37,3	28	13 965	8
3	Cont	16.06.2023 16:33:44	000:10:00	000:30:00	170,0	209		321		37,5	57	27 840	6
4	Cont	16.06.2023 16:43:46	000:10:00	000:40:00	180,0	209		322		37,5	86	42 452	5
5	Cont	16.06.2023 16:53:48	000:10:00	000:50:00	190,0	209		322		37,6	118	57 830	5
6	Cont	16.06.2023 17:03:50	000:10:00	001:00:00	200,0	209		323		37,7	151	73 968	4
7	Int:M	16.06.2023 17:07:33	000:03:43	001:00:00						37,7			
8	Int:O	17.06.2023 5:59:39	012:52:06	001:00:00			341			37,7			655
9	End	17.06.2023 5:59:56	000:00:17	001:00:00						37,7			

Tyre width immediately after end of test(mm): 151,6 - 151,7 - 152,2 - 152,0 - 151,9 - 151,8

Change of tyre circumference before test and 6h after test (%): 0.24

TEST REPORT No. 2023 - 3025

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/23069
Škofjeloška cesta 6 Dept.: Moto Kran Task: 05P/2023/DLI
4000 Kranj Project No.: 70001010
Slovenia Application date: 31.05.2023
Responsible: Mr. Lončarič Report issue date: 22.06.2023
Test motive: Prototype tyres V2 (ECE homologation), Code: 70001010 (224053)

2. Tested sample: Tyre Sort: M Ident. No.: 55853
Dimension 150/70B17 Name: Mitas Enduro Trail E-07 Dakar
Designation 2, V2 Product: TWS India Approval -
LI: 69 SS: H IP: 290kPa PR LR: B Type TL/TT M+S/M
Weight: 7.86 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: 331,9 mm
Overall width of tyre at max. speed: 144,6 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, S3-210 km/h

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



