



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*1595*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:

130/80B17 MITAS ENDURO TRAIL XT+ DAKAR 65R

with the approval number : **E8 75R - 001595**
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 – 001595

4.1.1. Tyre size designation:	130/80B17
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:	R
4.1.6. The load-capacity index of the tyre:	65
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: 135.7 mm Overall diameter: 644 mm
4.1.11. The rims on which the tyre can be mounted:	2.50-17, 2.75-17, 3.00-17, 3.50-17
4.1.12. The measuring rim and test rim:	3.00-17
4.1.13. The test and measurement pressure	Test pressure: 300 kPa Measuring pressure: 225 kPa
4.1.14. Factor x	/
4.1.15. Max allowed speed for load-capacity defined in 4.1.6.	170 km/h

Manufacturer's name and address:

Tyre Manufacturer (1)

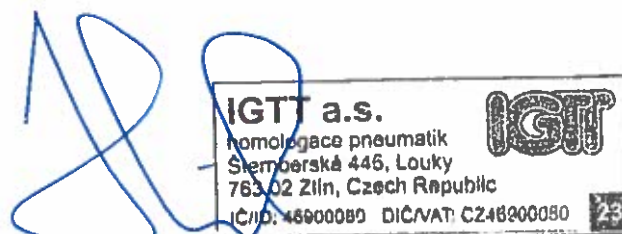
SYAM Trelleborg Tires LLP
Plot No. 521, Sayakha Industrial Estate,
Near Village Juned, Taluka Vagra,
Dist. Bharuch, Gujarat, Pin-392140.

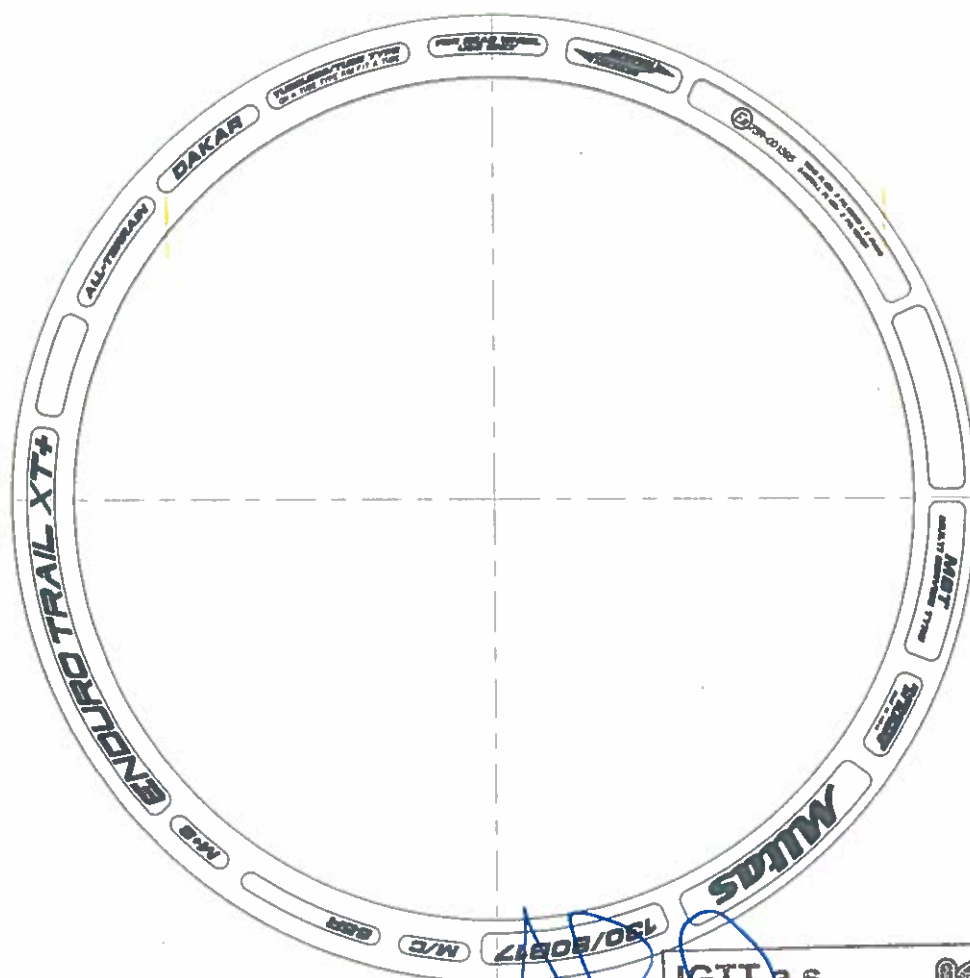
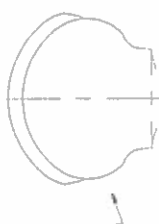
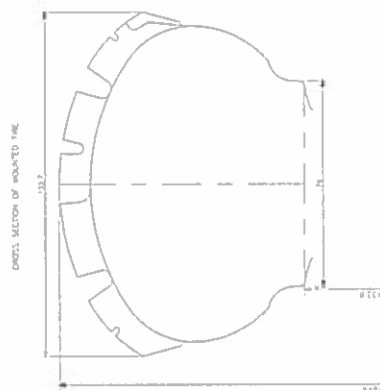
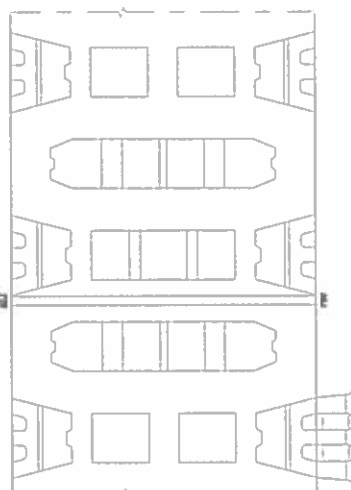
Tyre Manufacturer (2)

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



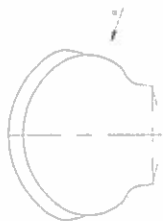


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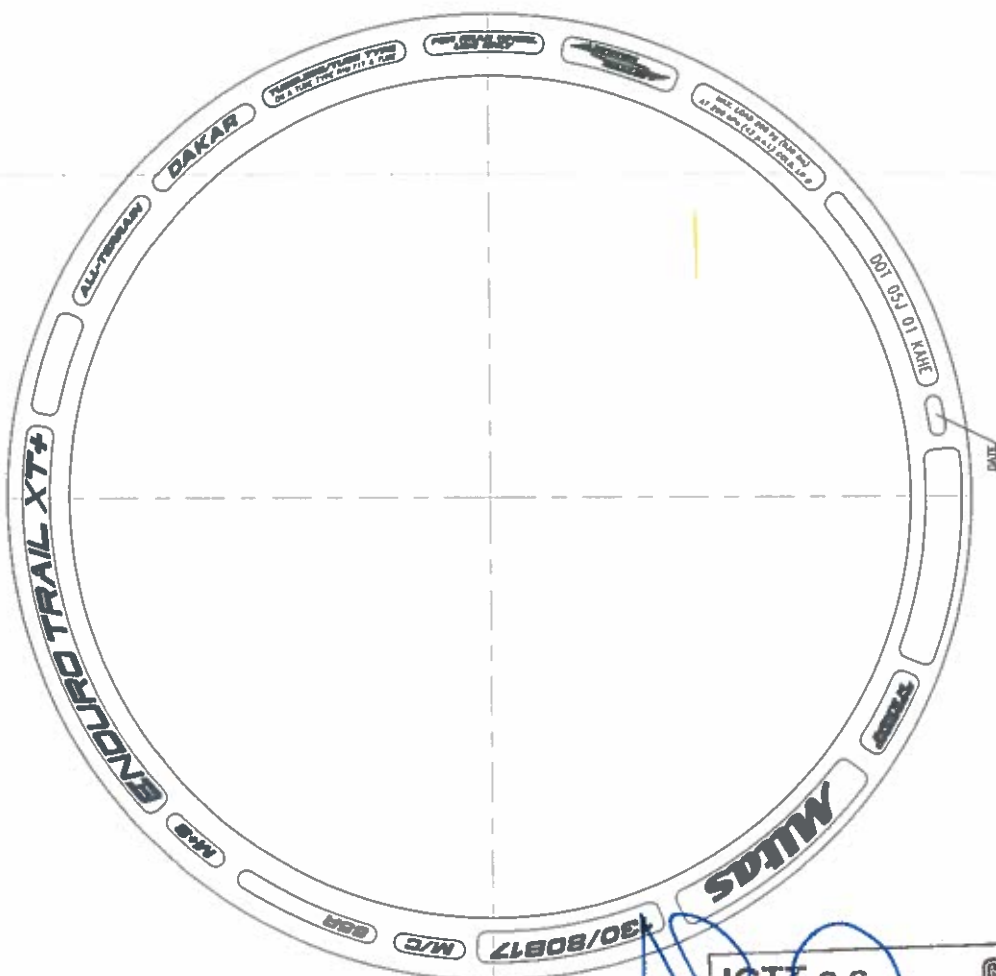
IGTT a.s.
homologace pneumatik
Šternberská 446, Louky
763 02 Zlín, Czech Republic
IČ/D: 49900080 DIČ/VAT: CZ46900080



Model: ADIDAS Typ: 1000 Velikost: 42 Datum: 15.06.2011 Místo: ...	
Jméno: ... Příjmení: ... Adresa: ... Telefon: ... E-mail: ...	Podpis: ... Datum: ... Místo: ...



opisovatel na tisk - držitel práv
(18.06.11)



IGTT a.s.
 homologace pneumatik
 Štemberská 446, Louky
 753 02 Zlín, Czech Republic
 IČO: 46900080 DIČ/VAT: CZ40900080





TEST REPORT No. 2023 - 4174

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/23308
areál a.s. Svit, budova 85 Dept.: 2610 Task:
762 02 Zlín Project No.: 70001022
Česká republika Application date: 18.07.2023
Responsible: ing. Macháčová Report issue date: 25.07.2023
Test motive: Prototype tyres V4 (ECE homologation), Code: 70001022 (224112)

2. Tested sample: Tyre Sort: M Ident. No.: 56452
Dimension 130/80B17 Name: Mitas Enduro Trail XT+ Dakar
Designation V4 Product: TWS India Approval -
LI: 65 SS: R IP: 290 kPa PR LR: B Type TL/TT M+S M
Weight: 6.9 kg Measuring rim 3.00x17 DOT: DOP: 1523

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

4. Test condition: Testing machine: - Drum: - mm Ambient temperature: 25±5°C
Testing rim: 3,00x17 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: 23-4174

Undergo cycles: Undergo track: km

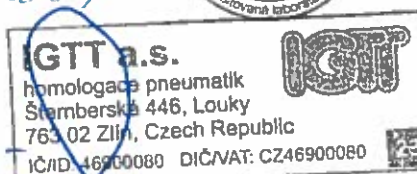
6. Evaluation: Criterion defined in ECE-R75 and other standards
U = 0,5 mm

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. 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.: 56452 Size: 130/80B17 Mitas Enduro Trail XT+ D Method: KPB-M-003

Date: 24.07.2023

Dimension of approval mark:

diameter of circle: 0 mm

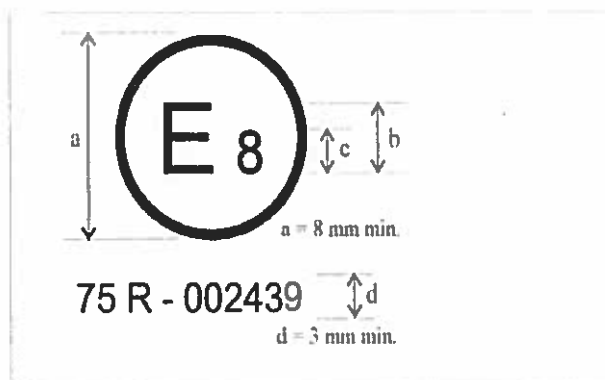
height of letter E: 0 mm

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 - 4175

TTC Zlin, Šternberská 446, Louky, 763 02 Zlin

Testing Laboratory No.1253, accredited by Czech Accreditation Institute according ČSN EN ISO/IEC 17025:2018

1. Customer: TWS vývoj Zlin Requirement No.: MM/23308
areál a.s. Svit, budova 85 Dept.: 2610 Task:
762 02 Zlin Project No.: 70001022
Česká republika Application date: 18.07.2023
Responsible: ing. Macháčová Report issue date: 25.07.2023
Test motive: Prototype tyres V4 (ECE homologation), Code: 70001022 (224112)

2. Tested sample: Tyre Sort: M Ident. No.: 56452
Dimension 130/80B17 Name: Mitas Enduro Trail XT+ Dakar
Designation V4 Product: TWS India Approval -
LI: 65 SS: R IP: 290kPa PR LR: B Type TL/TT M+S M
Weight: 6.9 kg Measuring rim 3.00x17 DOT: DOP: 1523

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: 3.00x17 Inflation: 225 kPa
Load: daN Drum speed: km/h Slip: 0° Camber: 0°
Cycle min/max: Track min/max: km

5. Results: Overall diameter: 644 mm
Overall width: 135.7 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. 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 56452 Tyre size: 130/80B17 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
25.07.2023	225	2 022	135,5	135,5	135,7	135,2	135,3	135,7	135,7	644

TEST REPORT No. 2023 - 4176

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/23308
areál a.s. Svít, budova 85 Dept.: 2610 Task:
762 02 Zlín Project No.: 70001022
Česká republika Application date: 18.07.2023
Responsible: ing. Macháčová Report issue date: 26.07.2023
Test motive: Prototype tyres V4 (ECE homologation), Code: 70001022 (224112)

2. Tested sample: Tyre Sort: M Ident. No.: 56452
Dimension 130/80B17 Name: Mitas Enduro Trail XT+ Dakar
Designation V4 Product: TWS India Approval -
LI: 65 SS: R IP: 290 kPa PR LR: B Type TL/TT M+S M
Weight: 6.9 kg Measuring rim 3.00x17 DOT: DOP: 1523

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: 3.00x17 Inflation: 300 kPa capped
Load: 185 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: 63 562 Undergo track: 126 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 Hůstál Ph.D.



IGTT a.s.

homologace pneumatik
Šternberská 446, Louky
763 02 Zlín, Czech Republic

IČ/ID: 15900080 DIČ/VAT: CZ46300080



Sample No.: 56452		Dimension:		130/80B17		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	25.07.2023 14:43:02	000:00:00	000:00:00			300			37,0			644
2	Cont	25.07.2023 15:04:00	000:20:00	000:20:00	70,0	186		313		37,3	23	11 775	9
3	Cont	25.07.2023 15:14:02	000:10:00	000:30:00	140,0	186		315		37,3	47	23 536	7
4	Cont	25.07.2023 15:24:04	000:10:00	000:40:00	150,0	186		316		37,4	72	36 076	7
5	Cont	25.07.2023 15:34:06	000:10:00	000:50:00	160,1	186		316		37,5	98	49 432	6
6	Cont	25.07.2023 15:44:08	000:10:00	001:00:00	170,0	186		317		37,5	126	63 562	6
7	Int:M	25.07.2023 15:48:29	000:04:21	001:00:00						37,4			
8	Int:O	26.07.2023 7:04:45	015:16:17	001:00:00			277			37,4			645
9	End	26.07.2023 7:04:48	000:00:02	001:00:00						37,4			

Tyre width immediately after end of test(mm): 136,6 - 137,1 - 136,5 - 136,8 - 136,7 - 136,9

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

TEST REPORT No. 2023-4177

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/23308
areál a.s. Svit, budova 85 Dept.: 2610 Task:
762 02 Zlín Project No.: 70001022
Česká republika Application date: 18.07.2023
Responsible: ing. Macháčová Report issue date: 26.07.2023
Test motive: Prototype tyres V4 (ECE homologation), Code: 70001022 (224112)

2. Tested sample: Tyre Sort: M Ident. No.: 56452
Dimension 130/80B17 Name: Mitas Enduro Trail XT+ Dakar
Designation V4 Product: TWS India Approval -
LI: 65 SS: R IP: 290kPa PR LR: B Type TL/TT M+S M
Weight: 6.9 kg Measuring rim 3.00x17 DOT: DOP: 1523

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: 3,00x17 Inflation: 250kPa capped
Load: daN Drum speed: 170km/h Slip: 0° Camber: 0°
Cycle min/max: Track min/max: km

5. Results: Max. centrifugal radius of tyre at max. speed: 324,7 mm
Overall width of tyre at max. speed: 129,0 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, S3-170 km/h

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



