

THE NETHERLANDS (NEDERLAND)





COMMUNICATION

Concerning (1):

- approval granted
- approval extended
- approval refused
- approval withdrawn
- production definitely discontinued

of a type of tyre for motor vehicles pursuant to Regulation number 54.

Approval number: E4*54R00/23*43559*01

1. Manufacturer's name and adress : ZODO TIRE CO., LIMITED.

> The South of Yalujiang Road Wenzhuang Village, Qinghe Agency of Cao County Heze City, Shandong Province 274400 China (PRC)

2. Tyre type designation (2)

2.1. Brand name(s)/trademark(s) : CONSTANCY; ILINK; LUXXAN; RHINO;

ARIVO; GRENLANDER; TTYRE; CRYSTAL; ROCKBLADE; FRONWAY; SAILWIN; XBRI;

ROADMARCH; KANGS; ZMAX;

XCENTWAY; ADERENZA; CONCEPTA

2.2. Trade description (s)/Commercial

name(s)/

: Winter GL989; Winter IL989; ICEPOWER 989;

ICEWINNER 989; WINMASTER ARW6; INSPIRER W22; THIRTY; ROCK 989S; SNOWROVER 989; ICEPIONEER 989; GREENTOUR A/S; MULTIMILE A/S; FRONTOUR A/S; FREIMILE A/S; Vanderful A/S; CARGOPLUS 2; INSPIRER A/S 2; FORTY; ROCK A/S TWO; VAN A/S; X-

SPIDER+ A/S; MILEPRO C30; TOURPRO C30;

DURAPLUS C30; LONGRACE C30;

TRANSITO ARZ6-C; INSPIRER L5; ROCK

830C; VANXPRO; VANMEJOR C30;

Perseverant 905; CARGOMAX D2; MAGA A/T

TWO; TERRAMAX LSR2 A/T; TERRA XPLORER C2 A/T; ROCKBLADE A/T II;

GLADIATAX A/T II; TERRAMAX ARV PRO

P.O. Box 777 Tel. + 31 79 345 83 02 E-mail typeapproval@rdw.nl www.rdw.nl

Type-approval Department



Approval number: E4*54R00/23*43559*01

A/T; FORZA A/T 2; INSPIRER A/T II; TOUGH TRAC A/T II; CAPACITY; ROCK 737 A/T; PRIMEMAX A/T II; DREAMWIND A/T; CLIMBER A/T II; OPENLAND A/T D2; L-MAX9; LY399; VANPLUS 09; VANTOUR 09; TRANSITO ARZ6-X; CARGOPLUS 2; INSPIRER L4; RT28; TWENTY; ROCK 838C;

PRIMEVAN 9; MAXCELL 09; Perseverant 902;

LOADING PRO

3. If applicable, name and address of the

manufacturer's representative

: Not applicable

4. Summarized description:

4.1. : 215/65R16C; 215/65R16LT Size of tyre

4.2. Category of use : normal/snow/special (1)

4.3. Structure : diagonal (bias-ply)/radial (1)

: C2/C3⁽¹⁾ 4.4. Tyre class

4.5. Speed category symbol:

4.5.1. nominal : R

4.5.2. additional (if applicable)

4.6. Load-capacity indices:

4.6.1. Corresponding to nominal speed:

> : 109 single : 107 twinned (dual)

4.6.2. Corresponding to additional speed:

> single ٠ ___ twinned (dual) : ---

5. Technical service and, where

applicable, test laboratory approved for purposes of approval or of verification

of conformity

: IDIADA Automotive Technology, S.A.

L'Albornar, P.O. Box 20 43710 Santa Oliva (Tarragona)

Spain

6. Date of report issued by that service : April 22, 2019

May 27, 2021

7. Number of report issued by that service: CS054-A0-2019-00595

CN21050574

8 Reason(s) for extension (if applicable) : Addition of brand name;

Addition of trade description;

The technical service is changed from TÜV NORD Mobilität GmbH & Co. KG into IDIADA(The test report No. CS054-A0-2019-00595 issued on the date of April 22, 2019 by

Approval number: E4*54R00/23*43559*01

TÜV NORD Mobilität GmbH & Co. KG (refer to the type approval E4*54R00/23*43559*00) is valid and unnecessary to perform re-testing.); Modification of manufacturer name

9. Any remarks : ---

10. Place : Zoetermeer

11. Date : 14 June 2021

12. Signature :

R. R. van der Spek

- 13. Annexed to this communication is a list of documents in the approval file deposited at the administrative service having delivered the approval and which can be obtained upon request.
 - Application form relating to ECE approval for a pneumatic tyre pursuant to Regulation number 54.
 - The drawing of the tyre's sidewalls, tread and dimensioned cross-section.
 - The test report as mentioned in item 7.

⁽¹⁾ Strike out what does not apply.

⁽²⁾ A list of brand name(s)/trademark(s) or Trade description(s)/ Commercial name(s) may be annexed to this communication.

Statement manufacturer and authorization regarding application

This statement must only be sent with new "00" applications. This applies to both the statements that the application has not been submitted to another authority and the authorization of the applicant. If the authorized party is changed in the meantime (i.e. in case of an extension or correction request), this declaration must be filled in again.

EC & UNECE type-approval number : E4*54R00/23*43559	59*01	: E4*54R00/23*43559*	UNECE type-approval number	
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Manufacturer/ □ **Manufacturer**'s representative (1) 2 3 Company name : ZODO TIRE CO., LIMITED 4 Name authorized person: Hailong Ren 5 Job title : Supervision 6 E-mail address : 295512660@qq.com 7 Address manufacturer : The South of Yalujiang Road, Wenzhuang Village, Qinghe Agency of Cao County Heze City, Shandong Province 274400, China (PRC) : China(PRC) Country Statement 10 Hereby : Hailong Ren 11 declares on behalf of the manufacturer : ZODO TIRE CO., LIMITED for the application with type-approval number : E4*54R00/23*43559*01 13 the following: a) the manufacturer has not applied for an EC & UNECE type-approval for the same type to any other approval 14 authority, and no other approval authority granted the manufacturer such an approval; 15 b) no approval authority has refused to grant type-approval of that type; c) no approval authority has withdrawn type-approval of that type; 16 d) the manufacturer has not revoked an application for a type-approval of that type. 17 Authorization regarding handling of this application (if applicable) (2) 18 19 : IDIADA Automotive Technology, S.A. Company name 20 E-mail address : QualityHomologations@idiada.com : PO Box 20 Santa Oliva, l'Albornar 43710, Tarragona 21 Address Country : Spain 22 **Authorization** 23 24 By means of this declaration, I : Hailong Ren 25 on behalf of : ZODO TIRE CO., LIMITED : IDIADA Automotive Technology, S.A. 26 authorizes to respectively apply for a type-approval with type-approval number: 27 E4*54R00/23*43559*01 28 handle all communication concerning this application and receive the type-approval certificate.

29 Date **Place** Name:

27/05/2021 **ZODO TIRE CO., LIMITED** Heze, China 30

31 On their behalf, signature: Den Hailong

32 Name: Hailong Ren

⁽¹⁾ Mark the specific checkbox.

⁽²⁾ This authorization only concerns the application procedure and all activities that are directly or indirectly related to this procedure. If and insofar as other procedures, including the lodging of objections, are deemed necessary, a new authorization must be submitted in respect of that specific procedure.



TECHNICAL DOCUMENTATION

APPLICATION FOR APPROVAL EXTENSION OF A TYPE OF PNEUMATIC TYRE ACCORDING TO ECE REGULATION No. 54, 00 SERIES OF AMENDMENTS

The Brand name(s) or trademark(s) (2) CONSTANCY; ILINK; LUXXAN; RHINO; ARIVO; 1.

GRENLANDER; TTYRE; CRYSTAL; ROCKBLADE; FRONWAY; SAILWIN; XBRI; ROADMARCH; KANGS; ZMAX; XCENTWAY; ADERENZA;

CONCEPTA

2. Trade description(s) or Commercial name(s) (2) Winter GL989; Winter IL989; ICEPOWER 989;

> ICEWINNER 989; WINMASTER ARW6; INSPIRER W22; THIRTY; ROCK 989S; SNOWROVER 989; ICEPIONEER 989; GREENTOUR A/S; MULTIMILE A/S; FRONTOUR A/S; FREIMILE A/S; Vanderful A/S; CARGOPLUS 2; INSPIRER A/S 2; FORTY; ROCK A/S TWO; VAN A/S; X-SPIDER+ A/S; MILEPRO C30; TOURPRO C30; DURAPLUS C30; LONGRACE C30; TRANSITO ARZ6-C; INSPIRER L5; ROCK 830C; VANXPRO; VANMEJOR C30; Perseverant 905; CARGOMAX D2; MAGA A/T TWO; TERRAMAX LSR2 A/T; TERRA XPLORER C2 A/T; ROCKBLADE A/T II; GLADIATAX A/T II; TERRAMAX ARV PRO A/T; FORZA A/T 2; INSPIRER A/T II; TOUGH TRAC A/T II; CAPACITY; ROCK 737 A/T; PRIMEMAX A/T II; DREAMWIND A/T; CLIMBER A/T II;

> OPENLAND A/T D2; L-MAX9; LY399; VANPLUS 09; VANTOUR 09; TRANSITO ARZ6-X; CARGOPLUS 2;

INSPIRER L4; RT28; TWENTY; ROCK 838C; PRIMEVAN 9; MAXCELL 09; Perseverant 902;

LOADING PRO;

3. Manufacturer's name and address ZODO TIRE CO., LIMITED

> The South of Yalujiang Road Wenzhuang Village, Qinghe Agency of Cao County Heze City, Shandong Province

274400 China (PRC)

4. If applicable, name and address of not applicable

manufacturer's representative

5. Summarised description,

5.1. Tyre size designation 215/65R16C; 215/65R16LT

5.2. Category of use normal/special/snow(1)

diagonal (bias-ply)/ radial⁽¹⁾ 5.3. Structure

5.4. Speed category symbol

5.4.1. Nominal R

5.4.2. Additional (if applicable) not applicable

5.5. Load capacity indices

5.5.1. corresponding to nominal speed single: 109, twinned (dual): 107

5.5.2. corresponding to nominal speed single: ---, twinned (dual): ---

6. Overall dimensions

> overall section width 221.1 outer diameter 684.4 Factor 'x' 0.70

8. Ply-rating number for diagonal (bias ply) tyres 8 PR 9. Rims on which the tyre can be mounted 61/2 J

7.

⁽¹⁾ Strike out what does not apply.

⁽²⁾ Modified points are underlined for extension.

10. Measuring rim and test rim see attached test report

C2 / C3(1) 11. Tyre class

12. tube less / tube type(1) State whether the tyre is

13. Traction tyre Yes / no(see the tread pattern detail in drawing) (1)

Yes/no(1) 14. State if special use tyre Yes/no(1) Professional Off-Road

Tread depth / Void to fill ratio n.a.

The inflation pressure for the dimension 475 KPa(also see attached test report)

measurement and

for the load/speed endurance test pressure

Submitted for approval on (date) 16. May 21 2021

We herewith declare that we have not applied and will not apply for approval with another Contracting Party of the ECE

for the same type of produc



Signature: Len Hailong

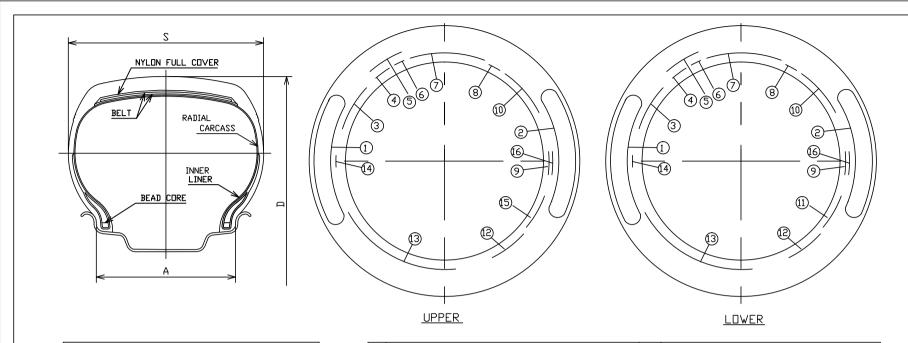
Name: Ren Hailong

THIS APPLICATION IS ACCOMPANIED BY:

A drawing of the tyre's side wall, tread and dimensioned cross section.

The test report.





TREAD PATTERNS

REFER TO ATTACHMENT 20210521

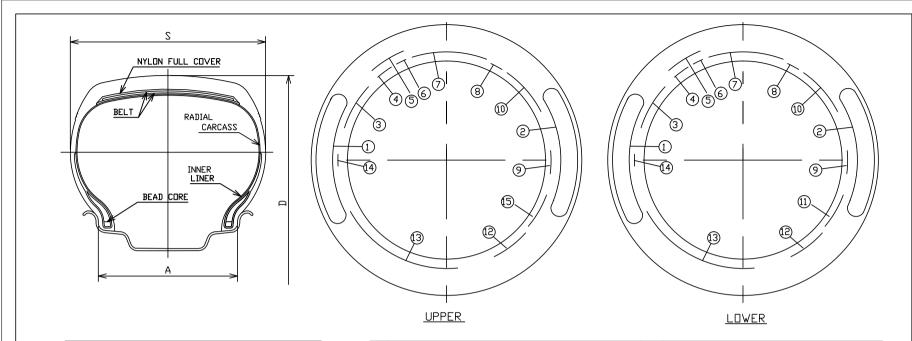
	CONSTANCY; ILINK; LUXXAN; RHINO; ARIVO; GRENLANDER; TTYRE; CRYSTAL; ROCKBLADE; FRONWAY; SAILWIN; XBRI;	8	M+S
1	ROADMARCH; KANGS; ZMAX; XCENTWAY; ADERENZA; CONCEPTA;		MADE IN CHINA
2	Tread pattern : please refer to attachment 20210521 in figure 1		LDAD RANGE D MAX. LDAD SINGLE 1030 kg (2271 LBS) AT 475 kPa (69 PSI) MAXPRESS. MAX. LDAD DUAL 975 kg (2149 LBS) AT 475 kPa (69 PSI) MAXPRESS.
3	LIES:TREAD 2 POLYESTER+2 STEEL+1 NYLON		DOT 17B XXXXXX XXXX(DATE CODE)
3	SIDEWALL 2 POLYESTER	12	ECE APPROVAL MARK
4	RIM: 6 1/2J	13	SAFETY WARNING
5	RADIAL TUBELESS	14	A
6	MOLD No.	15	DOT 17B XXXXXX
7	215/65R16C 109/107R 8PR or 215/65R16LT 109/107R 8PR	16	STUDLESS

TIRE SIZE	D(mm)	S(mm)	A(mm)	LOAD INDEX SPEED CODE	REMARK
215/65R16C or 215/65R16LT	686	221	165	109/107R	

SCALE : FREE DA	ATE : 2021.05.21	DESIGNED BY	CHECKED BY	APPROVED BY	DRAWING NO.	
ZODO TIRE C	CO.,LIMITED	Xu Huili	Xie Baoshan	Shen Maoqiao	TITLE	215/65R16C 109/107R 8PR or 215/65R16LT 109/107R 8PR

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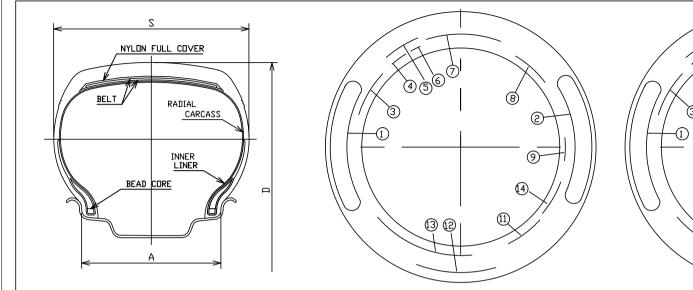
TREAD PATTERNS

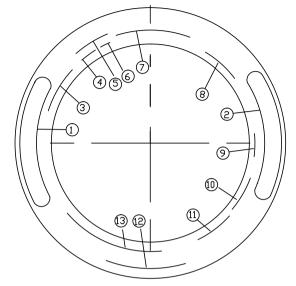
REFER TO ATTACHMENT 20210521

Γ,	CONSTANCY; ILINK; LUXXAN; RHINO; ARIVO; GRENLANDER; TTYRE; CRYSTAL; ROCKBLADE; FRONWAY; SAILWIN; XBRI;	8	M+S
1	ROADMARCH; KANGS: ZMAX; XCENTWAY; ADERENZA; CONCEPTA;	9	MADE IN CHINA
2	Tread pattern: please refer to attachment 20210521 in figure 2		LOAD RANGE D MAX. LOAD SINGLE 1030 kg (2271 LBS) AT 475 kPa (69 PSI) MAX.PRESS. MAX. LOAD DUAL 975 kg (2149 LBS) AT 475 kPa (69 PSI) MAX.PRESS.
3	PLIES:TREAD 2 POLYESTER+2 STEEL+1 NYLON SIDEWALL 2 POLYESTER		DOT 17B XXXXXX XXXX(DATE CODE)
3			ECE APPROVAL MARK
4	RIM: 6 1/2J	13	SAFETY WARNING
5	RADIAL TUBELESS	14	ALL SEASONS
6	MDLD No.	15	DOT 17B XXXXXX
7	215/65R16C 109/107R 8PR or 215/65R16LT 109/107R 8PR		

TIRE SIZE	D(mm)	S(mm)	A(mm)	LOAD INDEX SPEED CODE	REMARK
215/65R16C or 215/65R16LT	686	221	165	109/107R	

L							
	SCALE : FREE	DATE : 2021.05.21	DESIGNED BY	CHECKED BY	APPR□∨ED BY	DRAWING NO.	
	ZODO TIRI	E CO.,LIMITED	Xu Huili	Xie Baoshan	Shen Maoqiao	TITLE	215/65R16C 109/107R 8PR or 215/65R16LT 109/107R 8PR





<u>LOWER</u>

TREAD PATTERNS

REFER TO ATTACHMENT 20210521

1	CONSTANCY; ILINK; LUXXAN; RHINO; ARIVO; GRENLANDER; TTYRE; CRYSTAL; ROCKBLADE; FRONWAY; SAILWN; XBRI; ROADMARCH; KANGS; ZMAX; XCENTWAY; ADERENZA; CONCEPTA;		LDAD RANGE D MAX. LDAD SINGLE 1030 kg (2271 LBS) AT 475 kPa (69 PSI) MAX.PRESS. MAX. LDAD DUAL 975 kg (2149 LBS) AT 475 kPa (69 PSI) MAX.PRESS.			
2	Tread pattern : please refer to attachment 20210521 in figure 3 and in figure 4 and	9	MADE IN CHINA			
	in figure 5 and in figure 6	10	DOT 17B XXXXXX XXXX(DATE CODE)			
3	PLIES:TREAD 2POLYESTER+2STEEL+1NYLON SIDEWALL 2POLYESTER		ECE APPROVAL MARK			
3			TREADWEAR XXX TRACTION X TEMPERATURE X			
4	RIM: 6 1/2J	13	SAFETY WARNING			
5	RADIAL TUBELESS	14	DOT 17B XXXXXX			
6	MDLD No.					
7	215/65R16C 109/107R 8PR or 215/65R16LT 109/107R 8PR M+S					

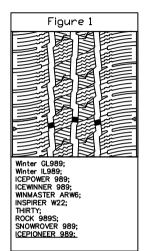
TIRE SIZE	D(mm)	S(mm)	A(mm)	LOAD INDEX SPEED CODE	REMARK
215/65R16C or 215/65R16LT	686	221	165	109/107R	

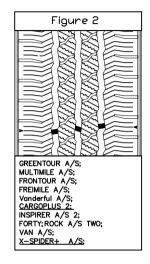
SCALE : FR	EE DATE : 2021.05.21	DESIGNED BY	CHECKED BY	APPROVED BY	DRAWING NO.	
ZODO T	IRE CO.,LIMITED	Xu Huili	Xie Baoshan	Shen Maoqiao		215/65R16C 109/107R 8PR or 215/65R16LT 109/107R 8PR

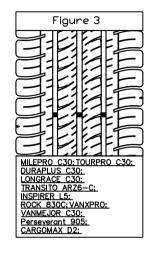
<u>UPPER</u>

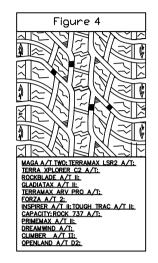
TIRE SIZE 215/65R16C 109/107R 8PR or 215/65R16LT 109/107R 8PR

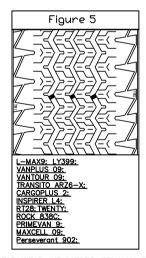
ATTACHMENT 20210521

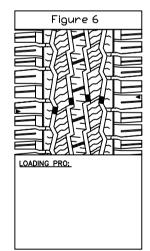












6 TREAD WEAR INDICATORS EQUALLY SPACED

DRAWN BY Xu Huili CHECKED BY Xie Baoshan APPROVED BY Shen Maoqiao ZODO TIRE CO.,LIMITED





China Office: Headquarters:

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L'Albornar – P.O.Box 20

E - 43710 Santa Oliva (Tarragona)

REPORT No. CN21050574

APPROVAL OF PNEUMATIC TYRES FOR COMMERCIAL VEHICLES AND THEIR TRAILERS REFERRING TO UN REGULATION NO. 54R00/23

Approval number : E4*54R00/23*43559*01

Applicant : <u>ZODO TIRE CO., LIMITED</u>

Manufacturer : ZODO TIRE CO., LIMITED

The South of Yalujiang Road Wenzhuang Village, Qinghe Agency of Cao County Heze City, Shandong Province 274400 China (PRC)

Brand-name(s)/trademark(s) : CONSTANCY; ILINK; LUXXAN; RHINO; ARIVO; GRENLANDER; TTYRE; CRYSTAL; ROCKBLADE; FRONWAY; SAILWIN; XBRI; ROADMARCH; KANGS; ZMAX; XCENTWAY; ADERENZA; CONCEPTA

Trade description(s)/Commercial name(s) : Winter GL989; Winter IL989; ICEPOWER 989; ICEWINNER 989; WINMASTER ARW6; INSPIRER W22; THIRTY; ROCK 989S; SNOWROVER 989; ICEPIONEER 989; GREENTOUR A/S; MULTIMILE A/S; FRONTOUR A/S; FREIMILE A/S; Vanderful A/S; CARGOPLUS 2; INSPIRER A/S 2; FORTY; ROCK A/S TWO; VAN A/S; X-SPIDER+ A/S; MILEPRO C30; TOURPRO C30; DURAPLUS C30; LONGRACE C30; TRANSITO ARZ6-C; INSPIRER L5; ROCK 830C; VANXPRO; VANMEJOR C30; Perseverant 905; CARGOMAX D2; MAGA A/T TWO; TERRAMAX LSR2 A/T; TERRA XPLORER C2 A/T; ROCKBLADE A/T II; GLADIATAX A/T II; TERRAMAX ARV PRO A/T; FORZA A/T 2; INSPIRER A/T II; TOUGH TRAC A/T II; CAPACITY; ROCK 737 A/T; PRIMEMAX A/T II; DREAMWIND A/T; CLIMBER A/T II; OPENLAND A/T D2; L-MAX9; LY399; VANPLUS 09; VANTOUR 09; TRANSITO ARZ6-X; CARGOPLUS 2; INSPIRER L4; RT28; TWENTY; ROCK 838C; PRIMEVAN 9; MAXCELL 09; Perseverant 902; LOADING PRO

Tyre size designation : 215/65R16C; 215/65R16LT

Place and date of test report issue : L'Albornar, Santa Oliva (Tarragona)

27/05/2021

CONCLUSIONS: Modification introduced to the tyre, as detailed in the annex to this report, grant grounds for approval extension with respect to formerly certified tyre-type, and FULFILS the specifications relating to the approval of pneumatic tyres for motor vehicles according to Supplement 23 to the original version of the UN Regulation NO.54

Performed by:

Revised by:

Yu(alex) Zhang HOMOLOGATION ENGINEER Josep Masip Gomez DEPARTMENT MANAGER

^{*} THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE

THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN



ANNEX TO THE REPORT

Reason(s) for extension:

- Addition of brand name: KANGS; ZMAX; XCENTWAY; ADERENZA; CONCEPTA
- Addition of trade descriptions: <u>ICEPIONEER 989</u>; <u>CARGOPLUS 2</u>; <u>X-SPIDER+ A/S</u>; <u>MILEPRO C30</u>; <u>TOURPRO C30</u>; <u>DURAPLUS C30</u>; <u>LONGRACE C30</u>; <u>TRANSITO ARZ6-C</u>; <u>INSPIRER L5</u>; <u>ROCK 830C</u>; <u>VANXPRO</u>; <u>VANMEJOR C30</u>; <u>Perseverant 905</u>; <u>CARGOMAX D2</u>; <u>MAGA A/T TWO</u>; <u>TERRAMAX LSR2 A/T</u>; <u>TERRA XPLORER C2 A/T</u>; <u>ROCKBLADE A/T II</u>; <u>GLADIATAX A/T II</u>; <u>TERRAMAX ARV PRO A/T</u>; <u>FORZA A/T 2</u>; <u>INSPIRER A/T II</u>; <u>TOUGH TRAC A/T II</u>; <u>CAPACITY</u>; <u>ROCK 737 A/T</u>; <u>PRIMEMAX A/T II</u>; <u>DREAMWIND A/T</u>; <u>CLIMBER A/T II</u>; <u>OPENLAND A/T D2</u>; <u>LMAX9</u>; <u>LY399</u>; <u>VANPLUS 09</u>; <u>VANTOUR 09</u>; <u>TRANSITO ARZ6-X</u>; <u>CARGOPLUS 2</u>; <u>INSPIRER L4</u>; <u>RT28</u>; <u>TWENTY</u>; <u>ROCK 838C</u>; <u>PRIMEVAN 9</u>; <u>MAXCELL 09</u>; <u>Perseverant 902</u>; <u>LOADING PRO</u>
- Modification of manufacturer name
- The technical service is changed from TÜV NORD Mobilität GmbH & Co. KG into IDIADA(The test report No. CS054-A0-2019-00595 issued on the date of April 22, 2019 by TÜV NORD Mobilität GmbH & Co. KG (refer to the type approval E4*54R00/23*43559*00) is valid and unnecessary to perform retesting.)

Test Place : L'Albornar, Santa Oliva (Tarragona)

Test Date : 27/05/2021

Yu(alex) Zhang HOMOLOGATION ENGINEER

^{*} THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE

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