



Smithers MSE

1150 North Freedom Street

Ravenna, Ohio 44266

Tel: 330-762-7441

www.smithers.com

Client:	Omni United (S) Pte Ltd (PREPAY)	Quote Number:	25-1002932BT
Tracking Number:	2503628	Client Part Number:	NA
Test Description:	Tire Durability -- High Speed with FMVSS 139 Test Protocols	Client Project #:	NA

LABORATORY TEST REPORT - High Speed

GENERAL INFORMATION

Test Type:	High Speed	Test Number:	TRL-25-1402
Client Test Spec.:	FMVSS 139	Date Received:	4/23/2025
PO Number:	NA	Retread:	No
Wheel Size:	20x10.0 J (2404247)		

TIRE LABELING INFORMATION

Tire Brand:	AVIX	Load Index:	125
Tire Name:	TRAILTEK R/T	Speed Symbol:	Q
Tire Size:	35X12.50R20LT	Max Infl. (single):	80 PSI 550 kPa
DOT No.:	00K XY6UVL 4824	Max Infl. (dual):	NA NA
Construction:	R	Max. Load (single):	3640 lbs 1650 kg
Tube Type:	TL	Max. Load (dual):	NA NA
Load Range:	F	Regroovable:	NA
Ply Rating:	12	Treadwear Indicator:	Yes
No. Plies on S.W.:	3	Sidewall Color:	BW
No. Plies of Tread:	7	Street/Deep Tread:	ST
Max Speed:	NA	Temperature:	NA
Carc. Cord Matrl:	POLY	Treadwear:	NA
Belt Cord Matrl:	POLY,STL,NYL	Traction:	NA

PRETEST INSPECTIONS

Beads: No Visible Defects	Innerliner: No Visible Defects
Sidewall: No Visible Defects	Tread: No Visible Defects

DOT / TIN INFORMATION

	Inboard Side	Outboard Side	Meets Requirement
DOT	Yes	Yes	Yes
TIN	Partial	Full	Yes
Alpine Symbol	No	No	NA

CONDITIONING

	Date	Time	Pressure (PSI)	Temperature (°F)
Start	30-Apr-25	22:49	59.5	95.0
End	1-May-25	4:39	61.7	95.0
Conditioning Hours		5.83		

TEST SUMMARY

Removal Date:	5/1/2025	Duration:	3.5 Hours
Reason:	Test Complete (Hours Met)	Final Speed:	99.4 MPH (160 KPH)
Machine:	4 Machine	Distance:	237.5 miles (546.9 km)
Station:	2	Final Load:	3094 lbs (1403.4 kg)
Results:	No Visible Defects		
Final Step Duration:	0.50 hours at 99.4 mph		



Smithers MSE

1150 North Freedom Street

Ravenna, Ohio 44266

Tel: 330-762-7441

www.smithers.com

Client:	Omni United (S) Pte Ltd (PREPAY)	Quote Number:	25-1002932BT
Tracking Number:	2503628	Client Part Number:	NA
Test Description:	Tire Durability -- High Speed with FMVSS 139 Test Protocols	Client Project #:	NA

LABORATORY TEST REPORT -- High Speed

TEST DATA										
Date	Time	On/Off	Miles	Speed (MPH)	Load (lbs)	Pressure (PSI)	Ambient Temp. (°F)	Step Time	Total Hours	Comments
5/1/2025	7:55	ON	0.0	50.0	3094.0	59.5	92.0	2.00	0.00	Start Test; Air Gauge #136
5/1/2025	9:55	OFF	100.0	0.0	0.0		93.0	0.00	2.00	Cool Down
5/1/2025	11:55	OFF	100.0	0.0	0.0	60.3	96.0	0.00	2.00	No Visible Defects; PSI at 11:55; Air Gauge #204
5/1/2025	11:55	ON	100.0	87.0	3094.0	59.5	94.0	0.50	2.00	
5/1/2025	12:25	ON	143.5	93.2	3094.0		94.0	0.50	2.50	
5/1/2025	12:55	ON	190.1	99.4	3094.0		94.0	0.50	3.00	
5/1/2025	13:25	OFF	239.8	0.0	0.0	72.3	95.0	0.00	3.50	End Test; PSI at 13:45; Air Gauge #254

DISCLAIMER: This report is intended for use by Omni United (S) Pte Ltd (PREPAY). Copies or other reproductions of this report must be made in its entirety. This report cannot be used for advertisement or other publication without the express written consent of Smithers MSE, Inc. Distribution of this report is at the discretion of Omni United (S) Pte Ltd (PREPAY). Smithers MSE, Inc. will not distribute copies of this report or discuss its contents without the express written consent of Omni United (S) Pte Ltd (PREPAY). To confirm validity of the results in this report, contact Smithers MSE, Inc., Ravenna Labs at phone (330) 762-7441. Smithers MSE, Inc. will contact Omni United (S) Pte Ltd (PREPAY) for confirmation that results can be released prior to disclosing any information contained in this document. Results contained in this report relate only to the samples that were tested. Samples are tested in the condition in which they are received.

This report has been prepared for Omni United (S) Pte Ltd (PREPAY) Veneesh Pillai Tel: (656) 510-3087 1 Raffles Place #30-03 One Raffles Place 048616 Singapore	Approved By: <u>George Gotsy</u> Date: <u>5/9/2025</u>
--	---

Engineering Comments:

Client:	Omni United (S) Pte Ltd (PREPAY)	Quote Number:	25-1002932BT
Tracking Number:	2503628	Client Part Number:	NA
Test Description:	Tire Durability -- High Speed with FMVSS 139 Test Protocols	Client Project #:	NA

LABORATORY TEST REPORT - High Speed

3.50 Hours
Figure: 1



3.50 Hours
Figure: 2

Client:	Omni United (S) Pte Ltd (PREPAY)	Quote Number:	25-1002932BT
Tracking Number:	2503628	Client Part Number:	NA
Test Description:	Tire Durability -- High Speed with FMVSS 139 Test Protocols	Client Project #:	NA

LABORATORY TEST REPORT - High Speed



3.50 Hours
Figure: 3