



VESevo

YOUR TIRE BENCH, ANYWHERE

VESevo

BORN FOR RACES



CURING
EFFECTS



COMPOUNDS
CHARACTERIZATION



PROGRESSIVE
WEAR EFFECTS



CORRELATION WITH
VEHICLE **DATA** ENERGY

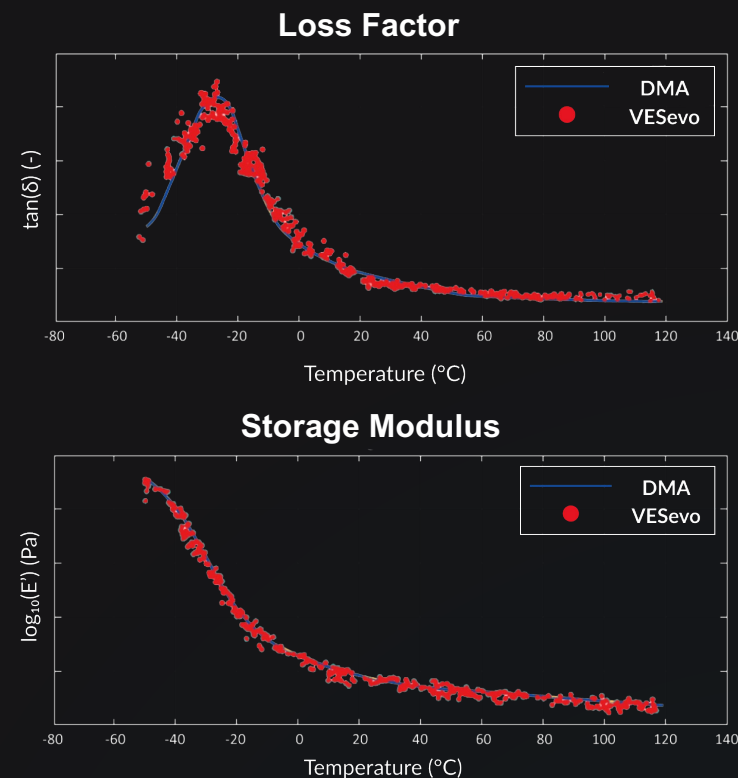
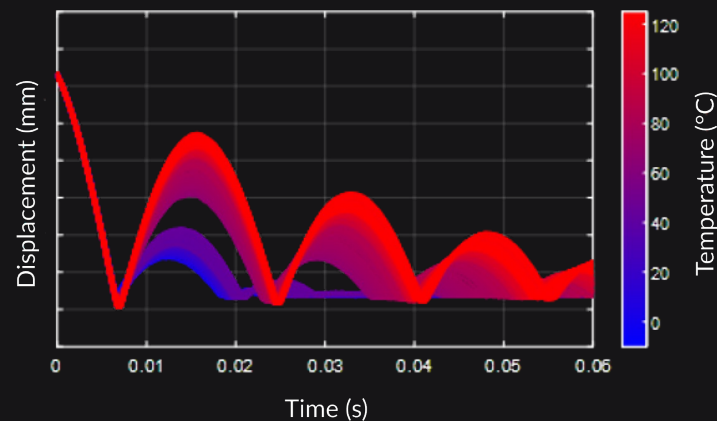
Vesevo

01
**VISCOELASTIC
TIRE PROFILING**

02
**NON
DESTRUCTIVE**

03
**REAL TIME
ANALYSIS**

HOW?



01

FROM THE
ACQUISITION SOFTWARE

02

TO THE **ANALYSIS** OF THE
DYNAMIC RESPONSE

03

TO THE **RESULTS**

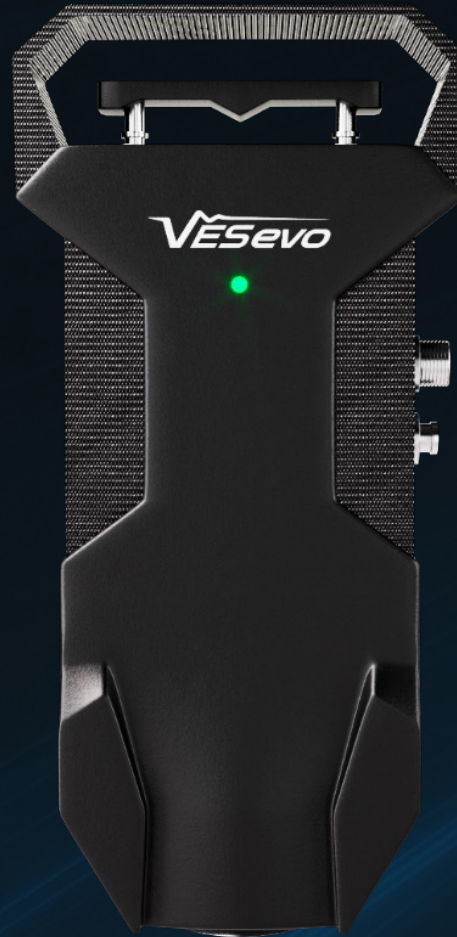
KEY FEATURES



PORTABLE



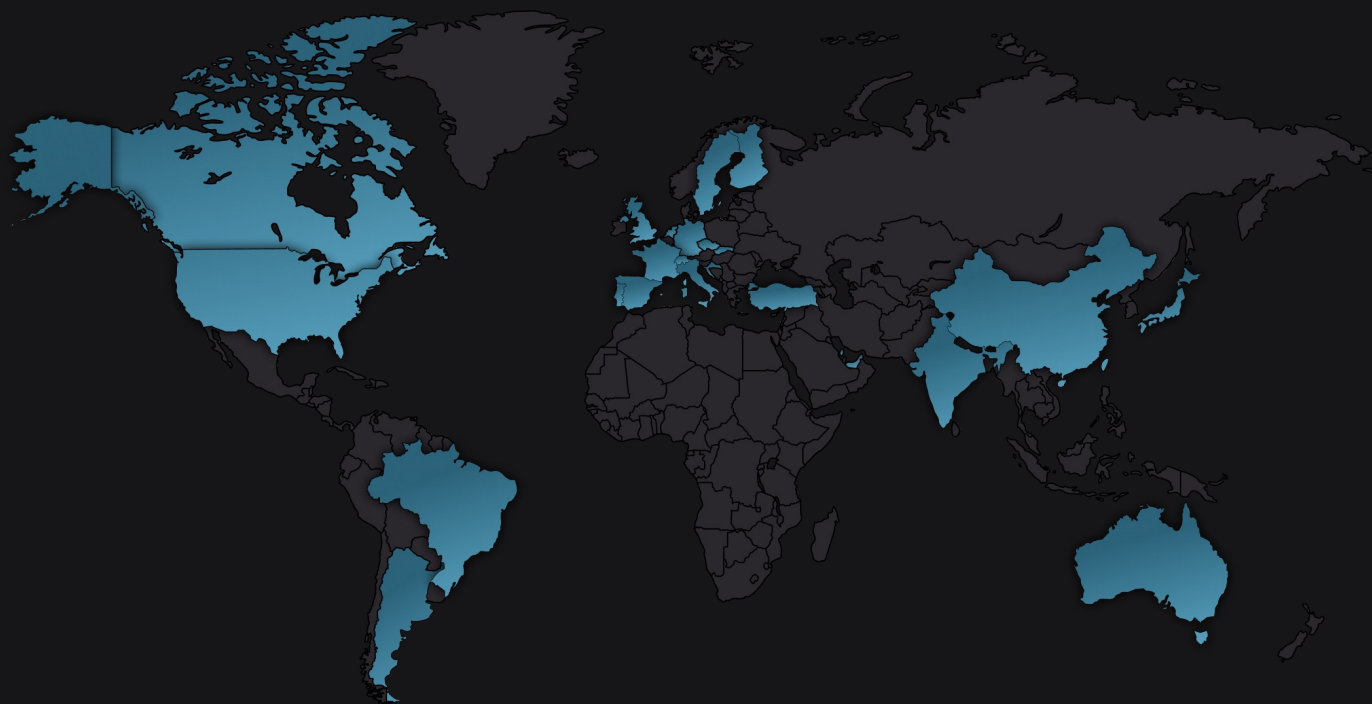
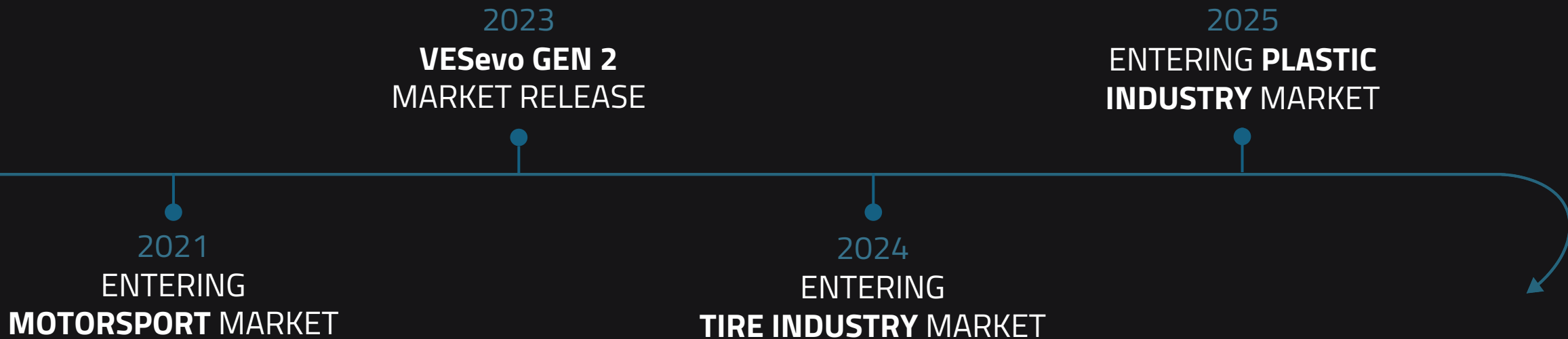
EASY TO USE



**LESS THAN 2
SECONDS FOR
ACQUISITION**



**NON
DESTRUCTIVE
WAY**



5
Continents

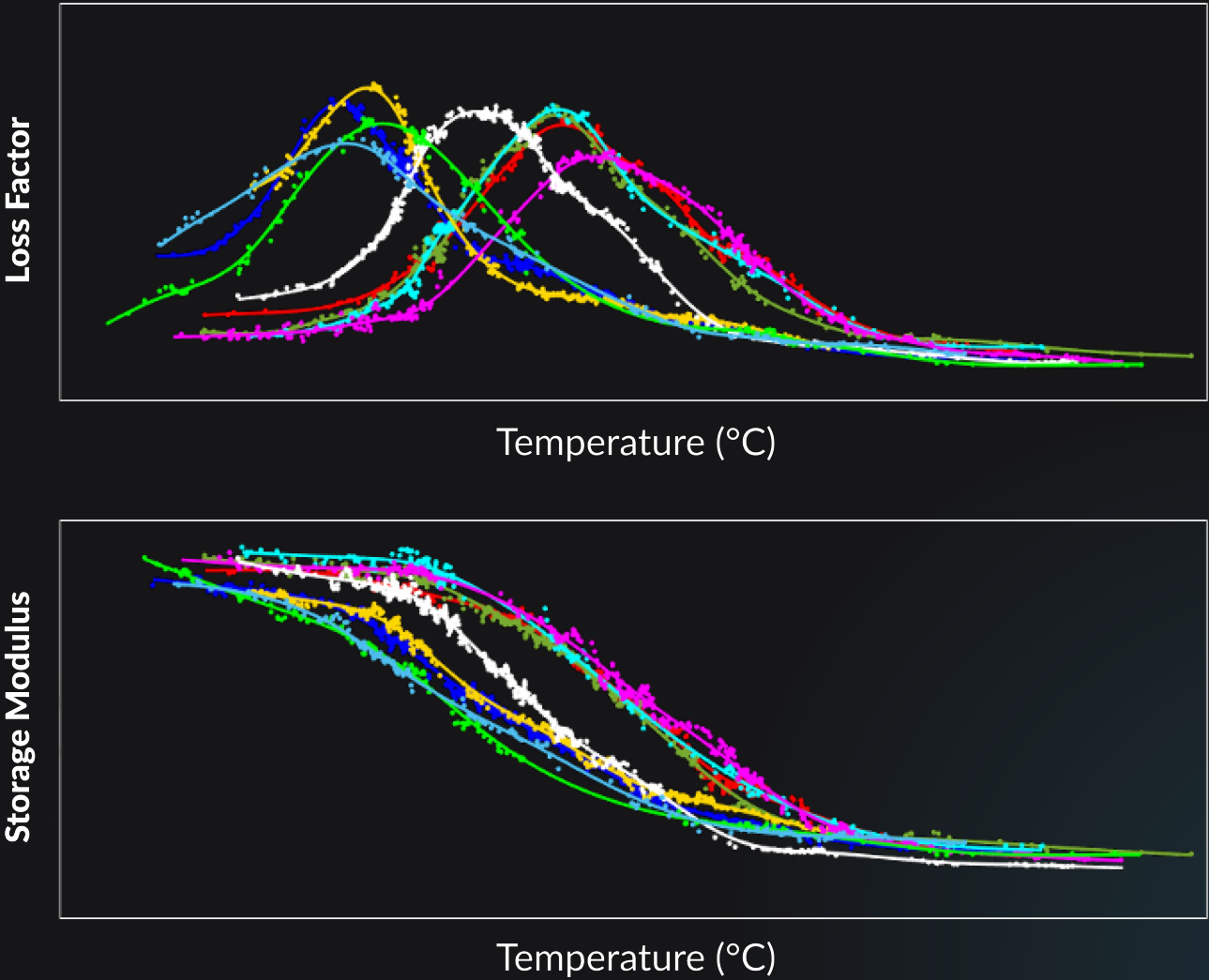
6
Tiremakers

13
Motorsport
categories

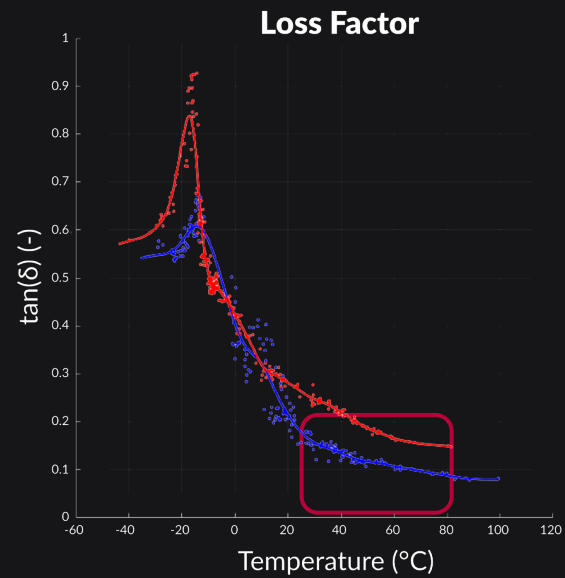
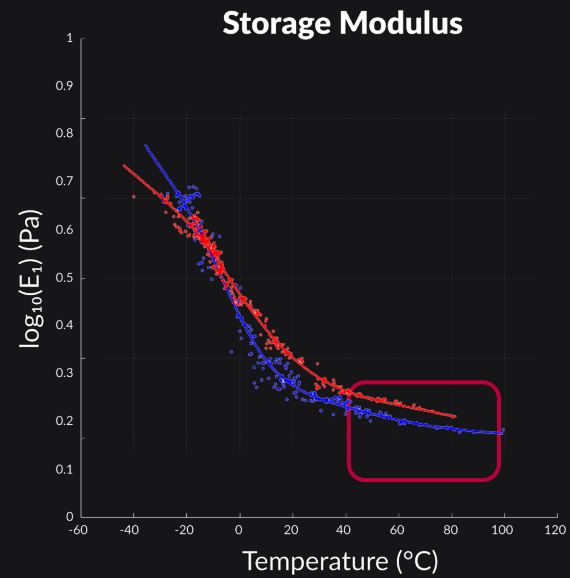
30
Racing
teams

STORAGE MODULUS AND LOSS FACTOR FOR DIFFERENT TIRES

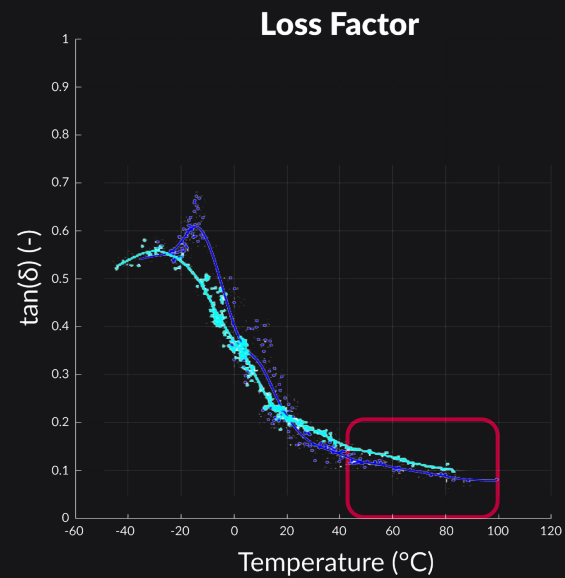
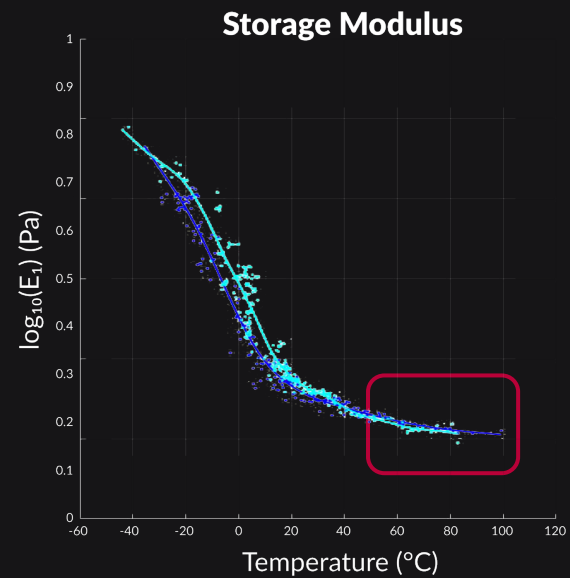
- Compound 1 ●
- Compound 2 ●
- Compound 3 ●
- Compound 4 ●
- Compound 5 ●
- Compound 6 ●
- Compound 7 ●
- Compound 8 ●
- Compound 9 ●



HOW TO USE THERMAL BLANKETS TO OPTIMIZE THERMAL CURING



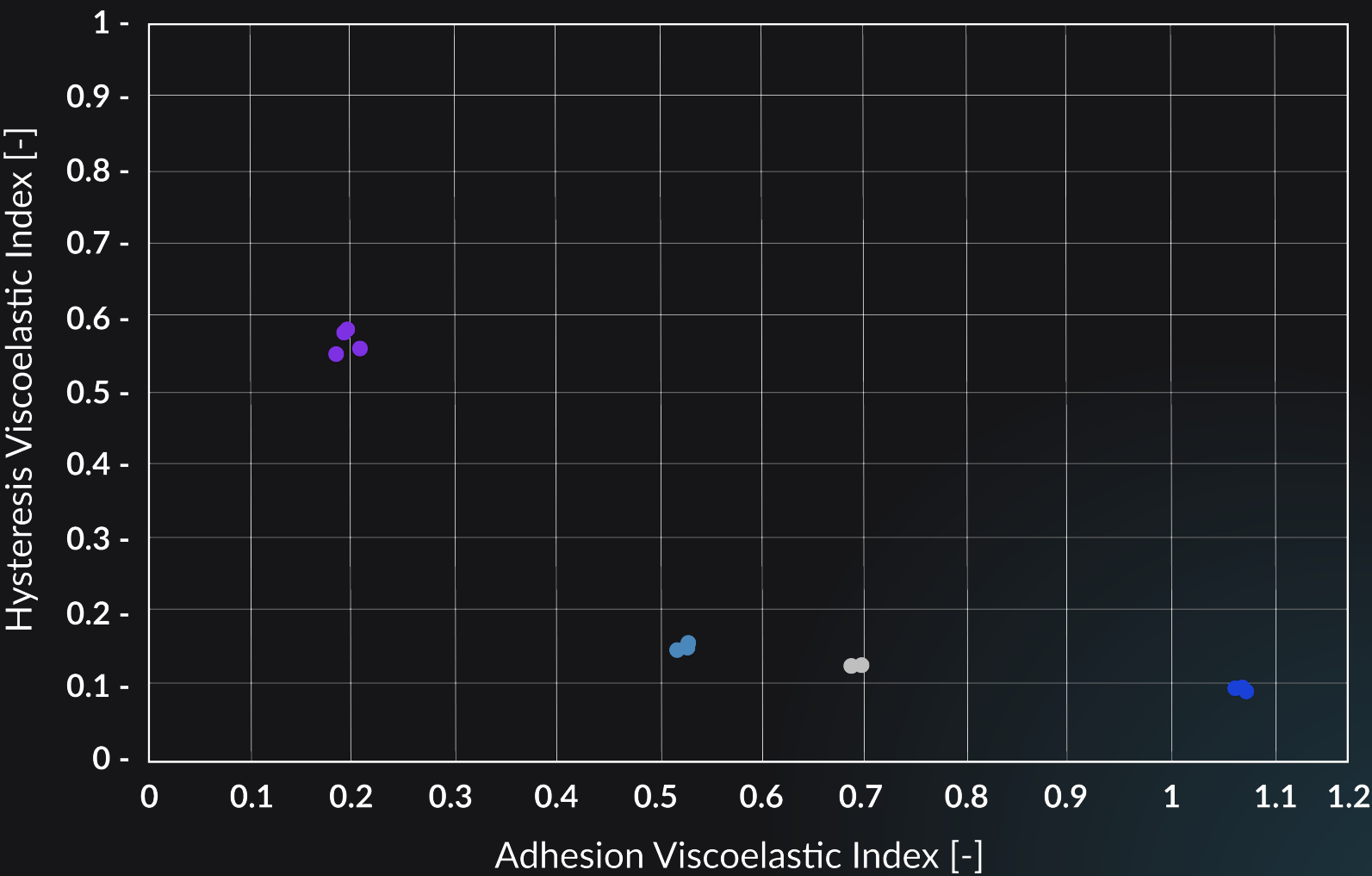
**NEW
CURING 1H**



**NEW
CURING 4H**

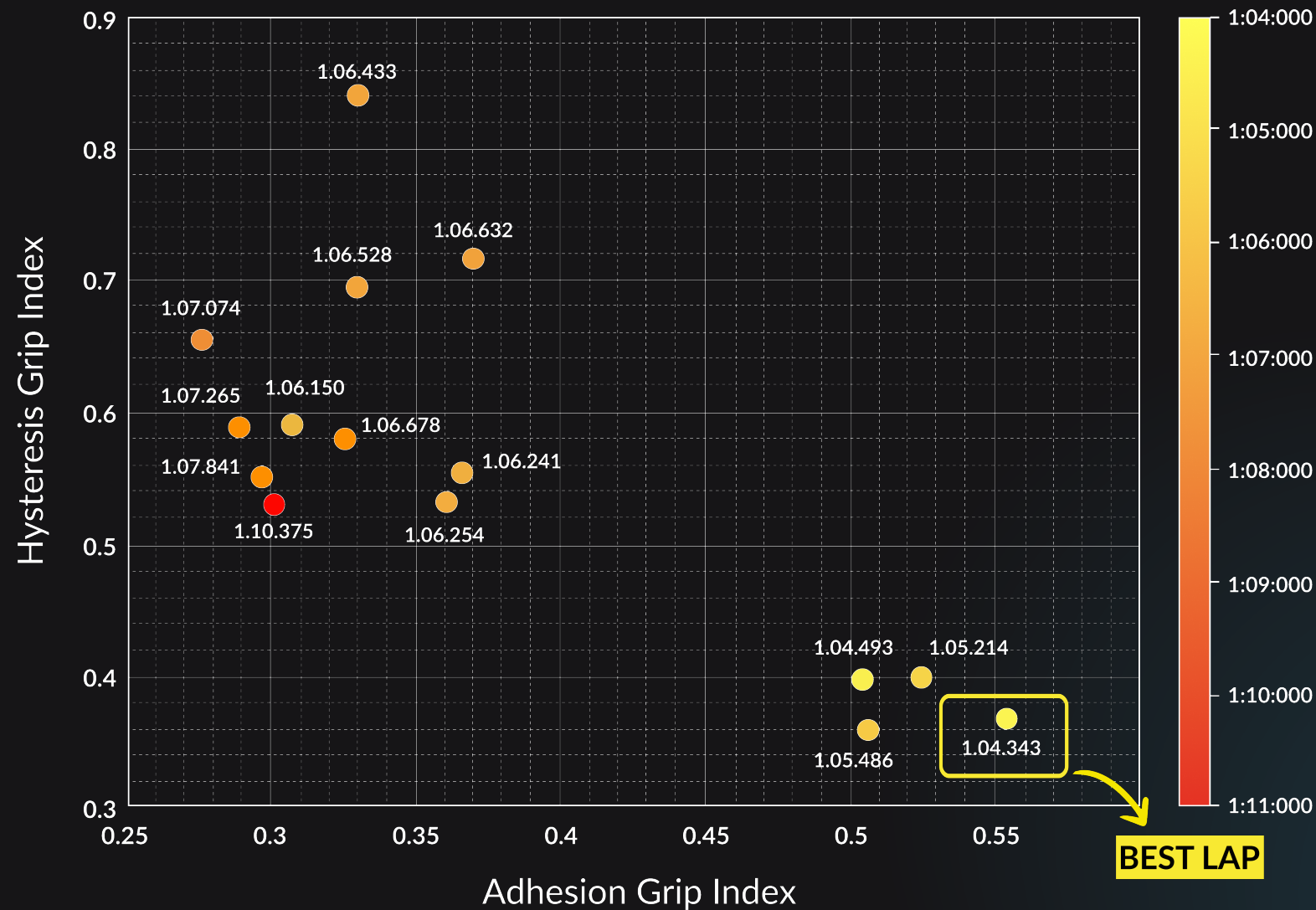
WHICH ARE THE BEST TIRES FOR THE RACE?

- Spec A - Tire 1 ●
- Spec A - Tire 2 ●
- Spec A - Tire 3 ●
- Spec A - Tire 4 ●
- Spec B - Tire 1 ●
- Spec B - Tire 2 ●
- Spec B - Tire 3 ●
- Spec B - Tire 4 ●
- Spec C - Tire 1 ●
- Spec C - Tire 2 ●
- Spec C - Tire 3 ●
- Spec C - Tire 4 ●
- Spec D - Tire 1 ●
- Spec D - Tire 2 ●
- Spec D - Tire 3 ●
- Spec D - Tire 4 ●

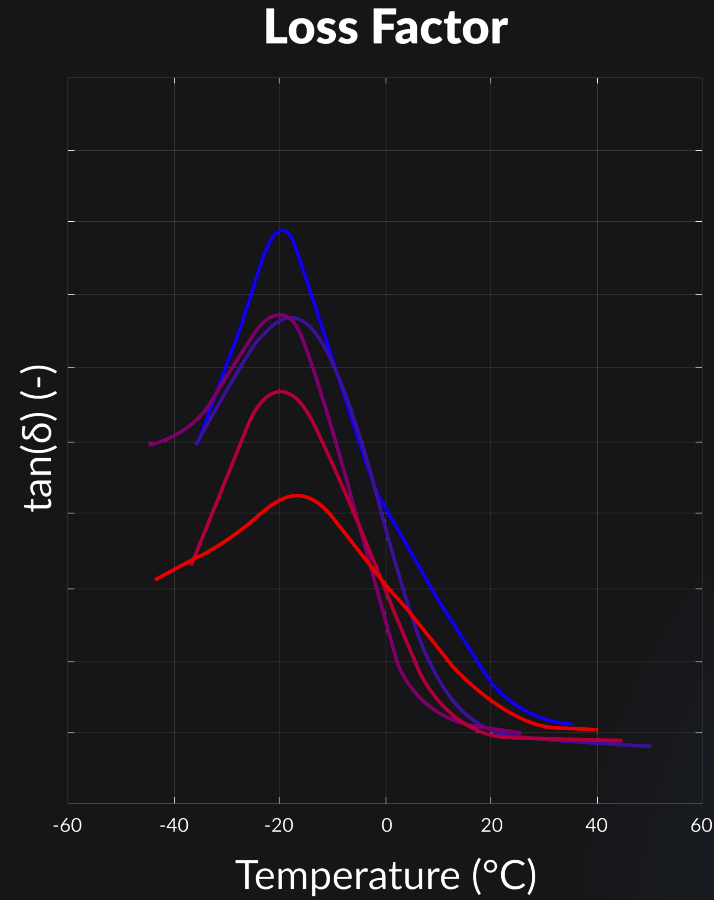
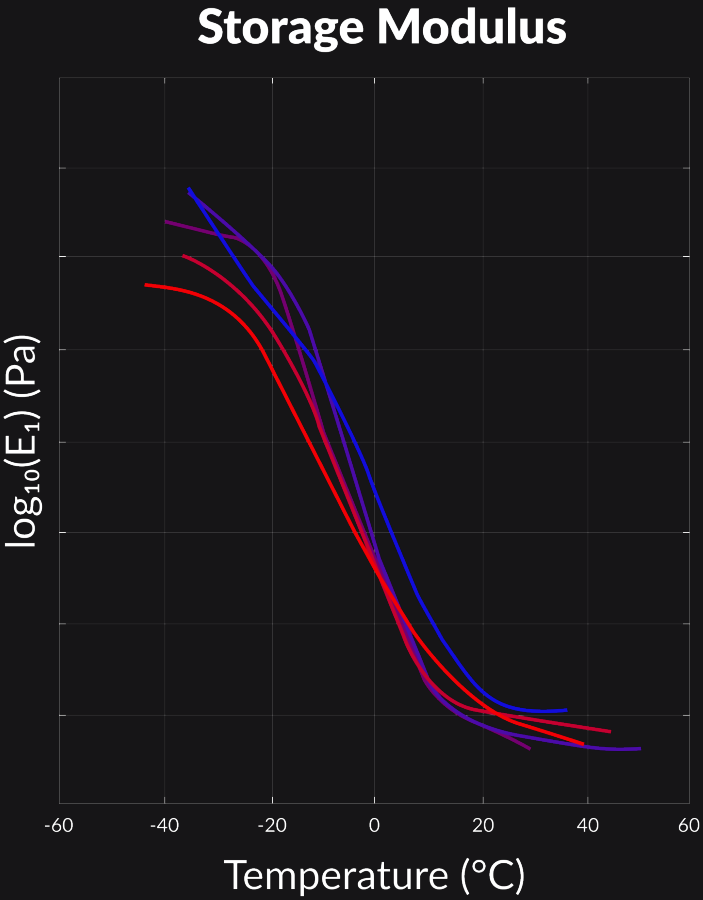


VISCOELASTICITY PERFORMANCE CORRELATION

Lap Time



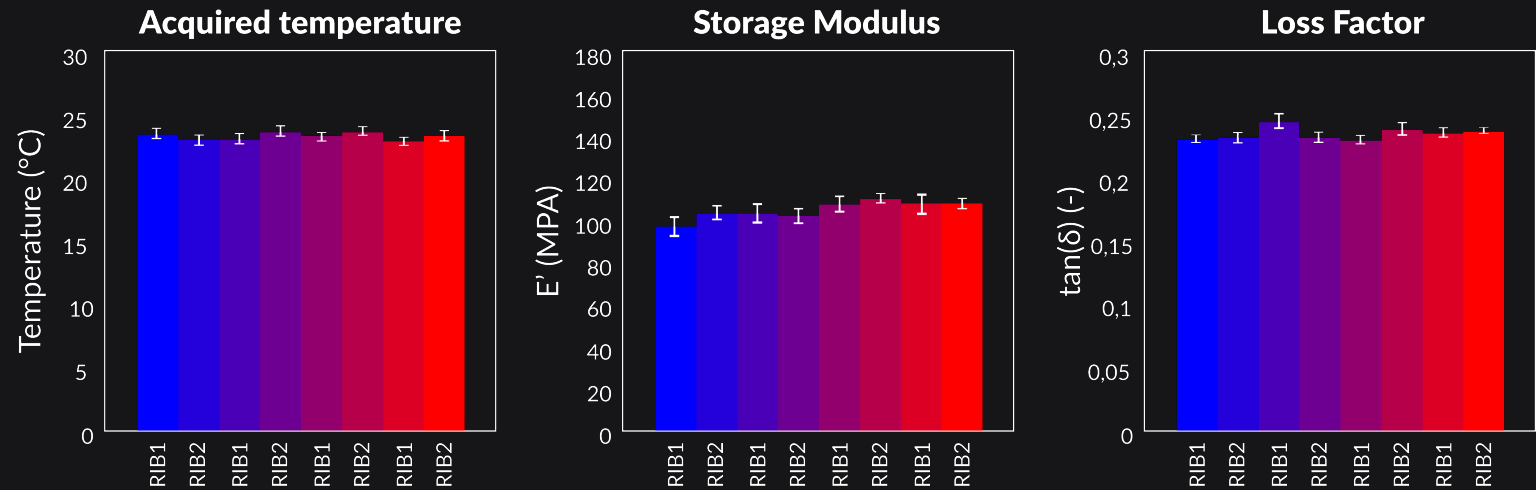
MILLEAGE EFFECT ON STORAGE MODULUS AND LOSS FACTOR



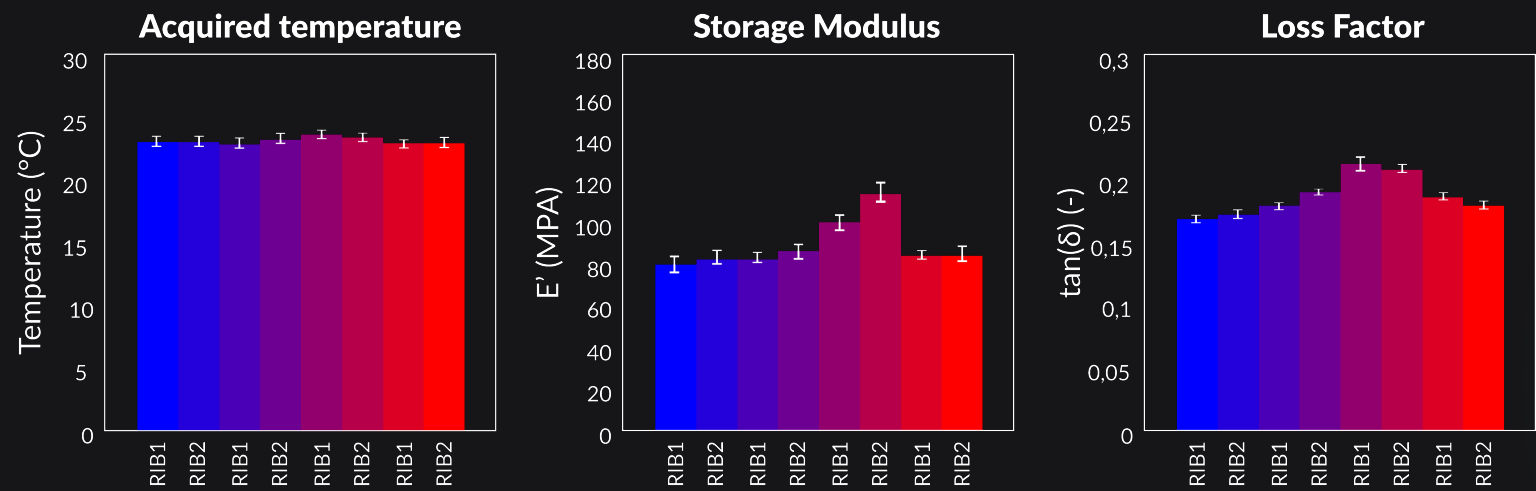
- NEW TYRE
- WORN TYRE – 8KM
- WORN TYRE – 50KM
- WORN TYRE – 108KM
- WORN TYRE – 131KM

SAFETY EVALUATION THROUGH VESevo TESTING TECHNOLOGY

NEW CONDITION



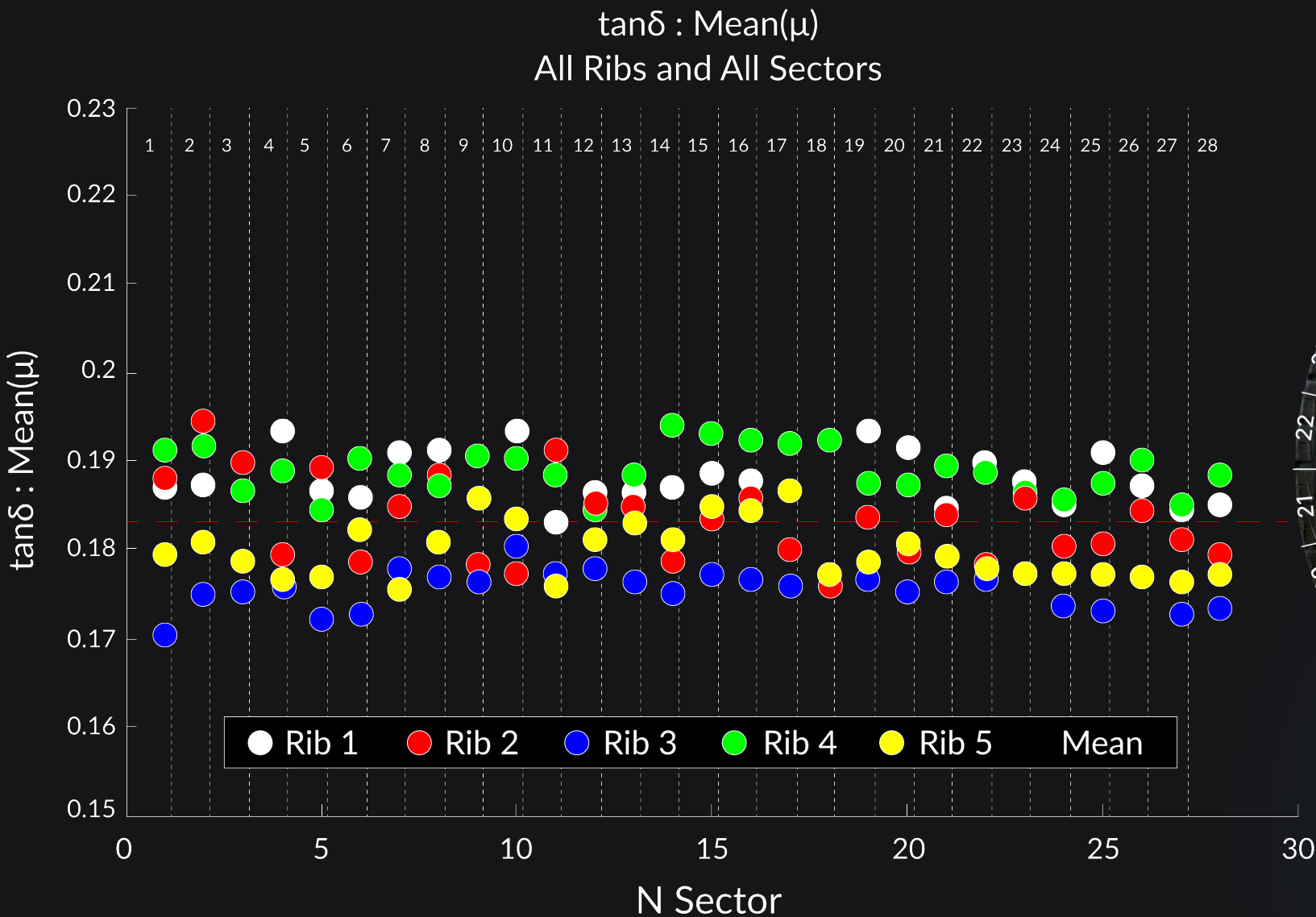
WORN CONDITION



RIB 1

RIB 2

VESevo FOR INDUSTRY: QUALITY MONITORING IN PRODUCTION



VESevo TEST BENCH



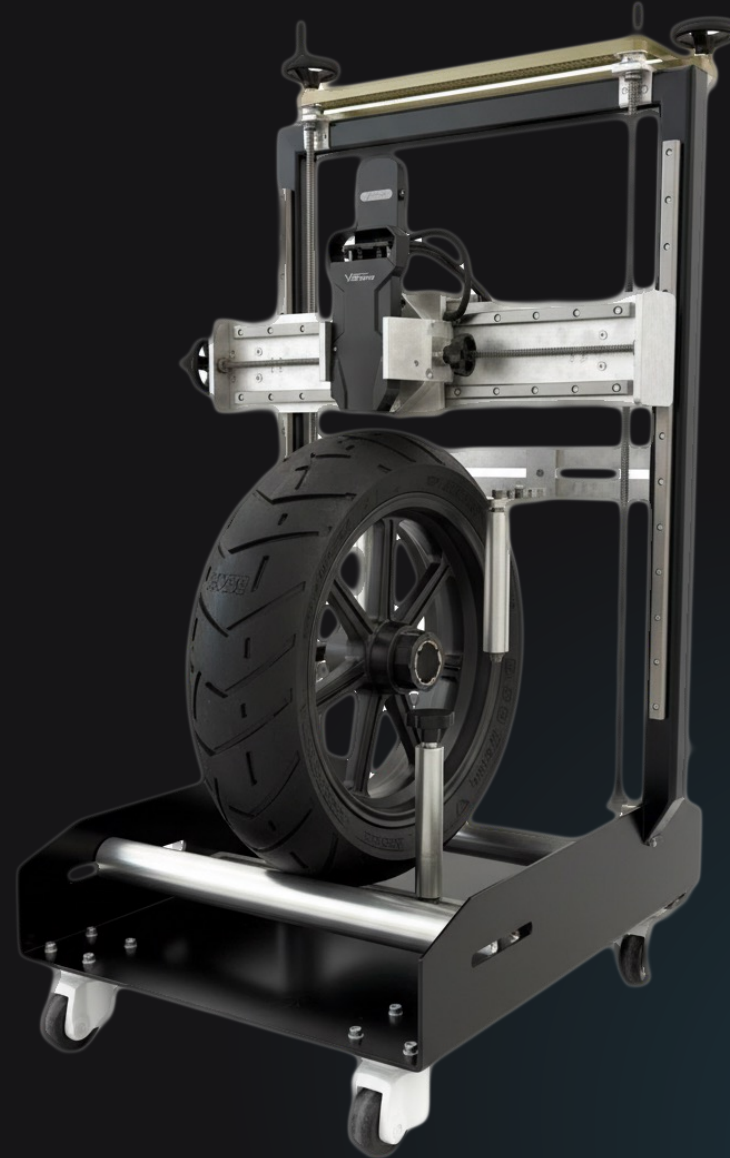
**IMPROVE AND SPEED UP
VESevo TESTING TECHNOLOGY**



**CUSTOMIZABLE AND ROTABLE
TO FIT ANY TYPE OF TIRE**



**REDUCE ERROR CAUSED
BY HUMAN INTERVENTION**



VESevo TEST BENCH: Base Version vs. PRO Version



Compared to the Base Version, the VESevo PRO Test Bench offers:



**REDUCED WEIGHT THANKS TO
THE USE OF ALUMINUM PROFILES**



**ZERO-BACKLASH MOTION SYSTEMS
AND HIGHER-PRECISION ADJUSTMENTS**



**CUSTOMIZABLE FLEXIBILITY
AND SCALABILITY**



**DEMOUNTABLE STRUCTURE FOR
EASIER HANDLING AND LOGISTICS**

VESevo – E

01

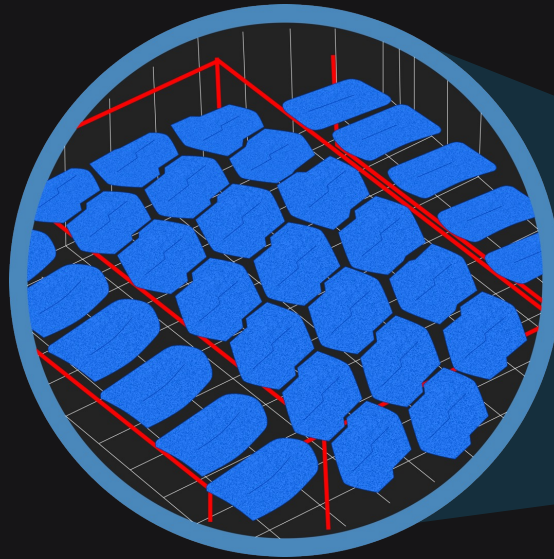
**AUTOMATION WITH
MAXIMUM SAFETY**

02

**HIGH PRECISION
THROUGH AI VISION AND
3D LASER PROFILING**

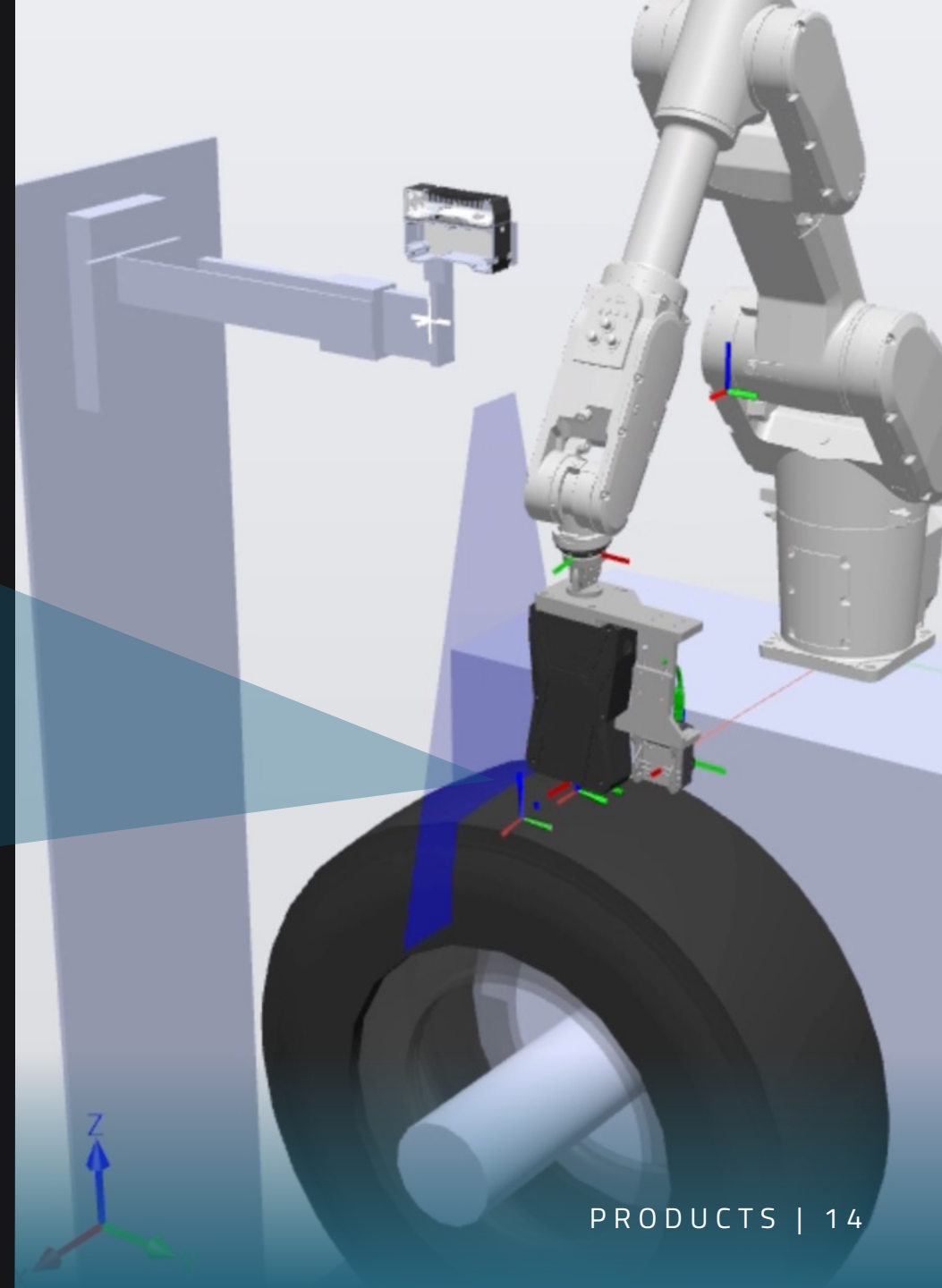
03

**INTELLIGENT AUTOMATIC
SELECTION OF PROBING
POINTS**



04

**WIDE COMPATIBILITY WITH
MULTIPLE TIRE SIZES**





YOUR TIRE BENCH, ANYWHERE



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@VESevoST

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