



vanTRA LT

*Extended Long Mileage & Best Durability Summer Tire
for Commercial Van and Transporters*



Contents

Concept

Pattern Design

Design Features

Construction

Technical Presentation

Test Results

Available Sizes



***Achieve extended Long Mileage & Best Durability
and improve wear & wet traction performance
by applying wide footprint with the straight groove & aggressive kerf.***



Pattern Design

Summer Radial for Commercial Van and Transporters



vantra LT

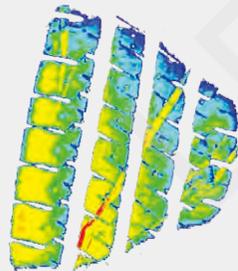
HANKOOK
driving emotion

Apply 3-channel Wide Groove

Enhance hydroplaning performance & safety in high speed.

**Optimum Groove Location
Width Durable Contact
Patch Technology**

Optimized groove position ensure stability in outer grounding footprint area.



Apply New 3D Lateral Groove

Enhance Snow & Wet performance without sacrificing block strength.





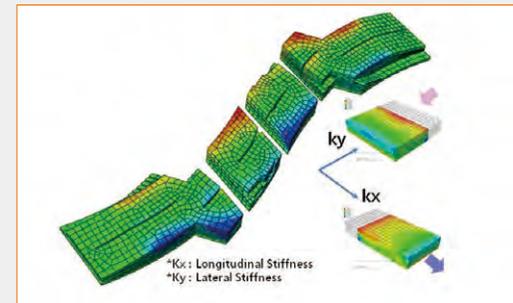
Optimized Pattern Noise

Apply center rib in center area.



Apply optimized Block stiffness

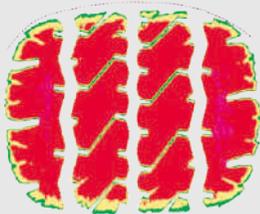
Enhance Wear & dry braking performance



Footprint

Improve durability by applying square shape contact patch.

Round Contact Patch



Conventional

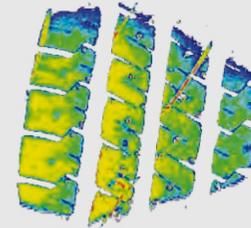
Square Contact Patch



vanTRA LT

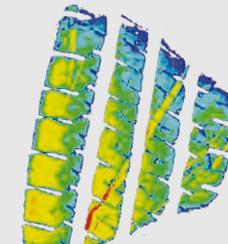
Optimized groove position ensure stability in outer grounding footprint area.

Front Axle



4.0bar, 805kgf
175% SA 5 Deg.

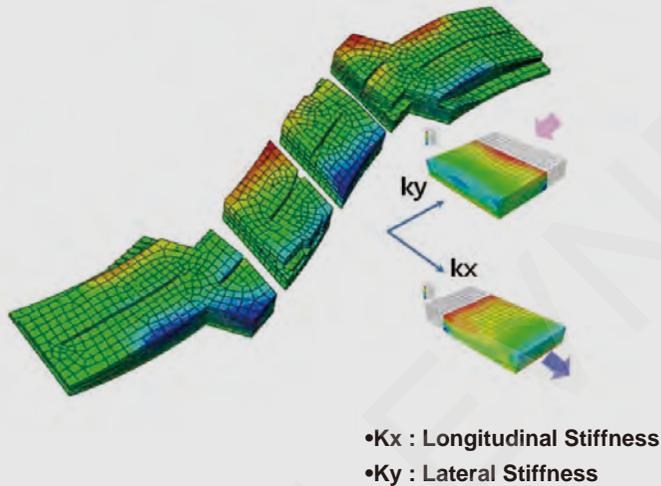
Rear Axle



4.8bar, 1505kgf
175% SA 7 Deg.

Block Stiffness

Optimized Stiffness of K_x , K_y improve wear & handling performance.



Optimized Stiffness of K_x , K_y improve snow & wet performance.

Enhance Snow & Wet performance without sacrificing block strength.



Hydroplaning

Enhance Hydroplaning performance by applying straight type main groove.

Zig-Zag Type Main Groove



Conventional

Comparison
Hydroplaning Index **100**

Straight Type Main Groove

New



vanTRA LT

Comparison
Hydroplaning Index **114 (14%▲)**

Positioning Map



Conventional Pattern

Low Inch(12"~13") &
High SRS(70's~82's) Sizes

New Pattern

High Inch (14"~17") Sizes

vanTRA LT

Optimized Structure Ensure Durability & Safety for Driving.

Reinforced Belt

Ensure durable performance through reinforcement Belt Layer

Double Steel Belt

Ensure durability for Tire

Inner Liner

Prevent air leakage and maintain the internal pressure

Carcass

maintain tire shape

Bead Filler

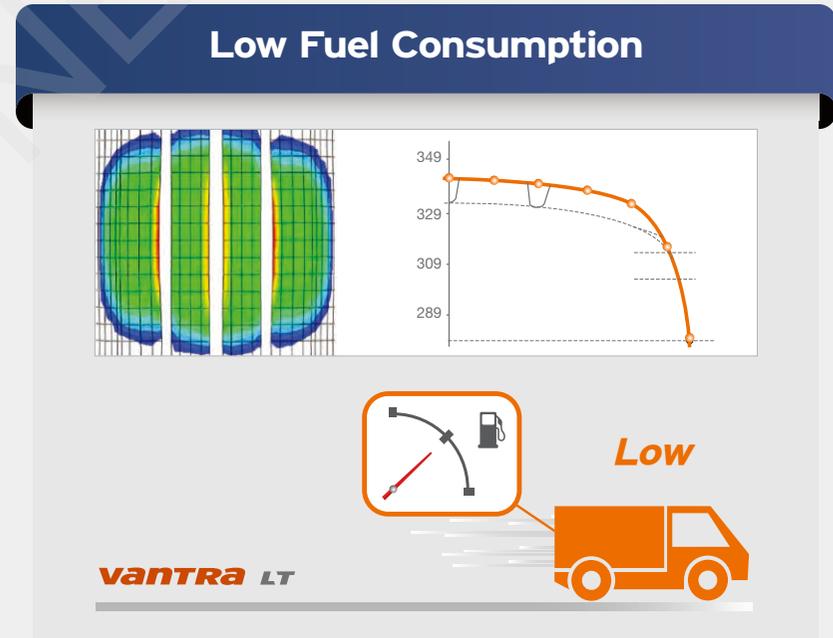
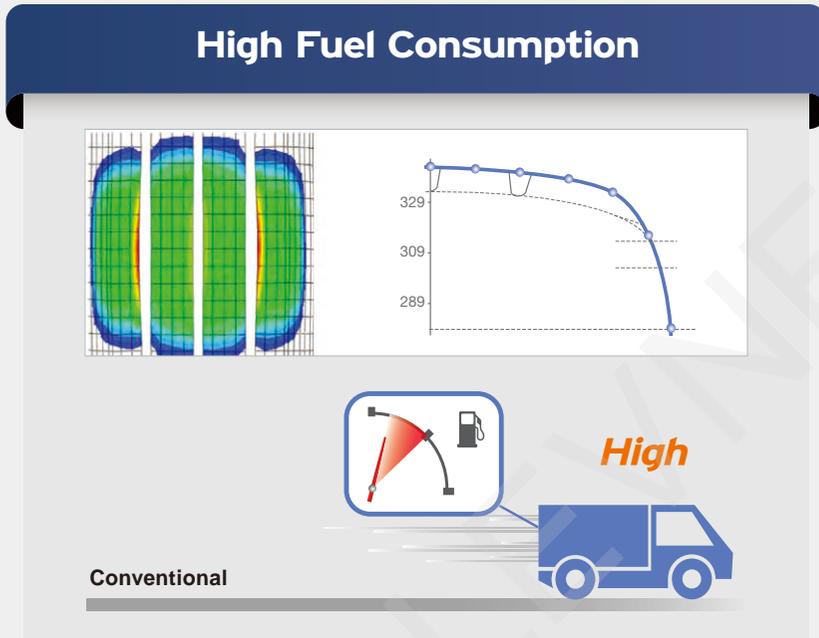
Enhance rim joint stiffness for handling performance

Bead Wire



The best grounding shape by applying optimized profile reduce fuel consumption..!!

By applying optimized profile **vanTRA LT** improves fuel efficiency by minimizing energy loss in driving.

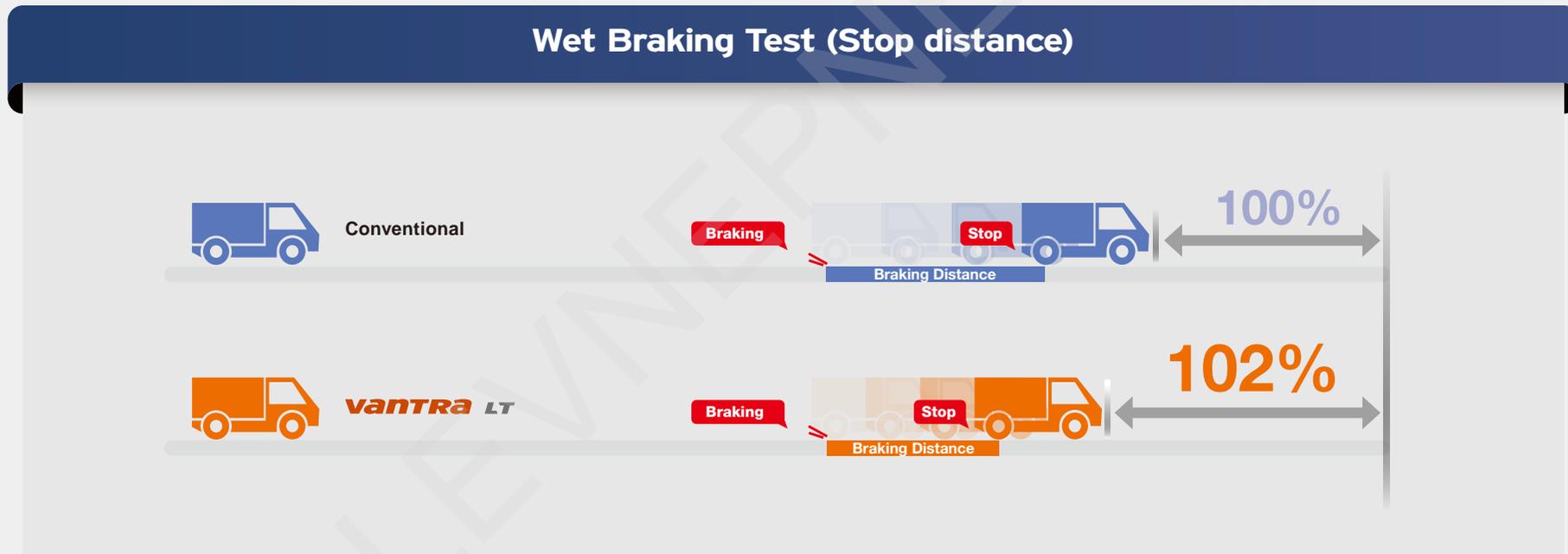


vanTRA LT improved mileage **13%** by reduce fuel consumption.

The best grounding shape by applying optimized profile reduce fuel consumption..!!

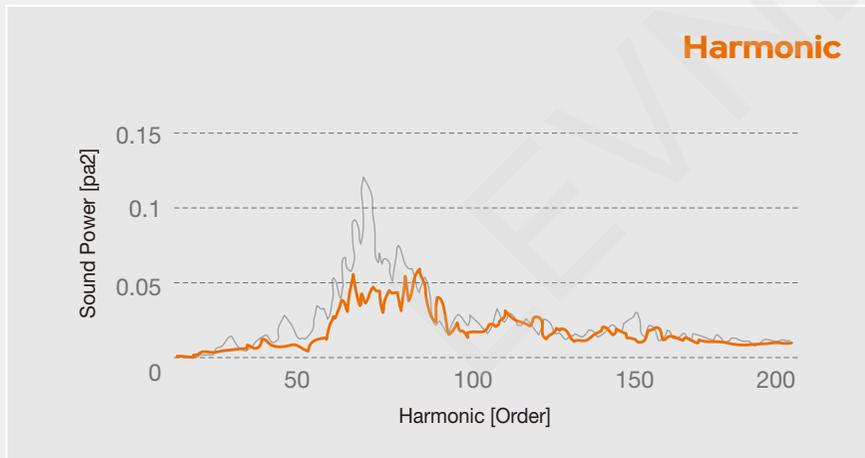
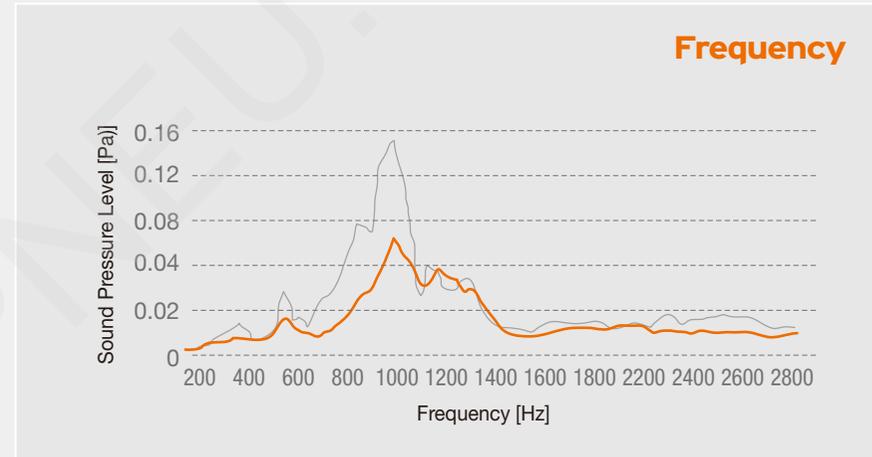
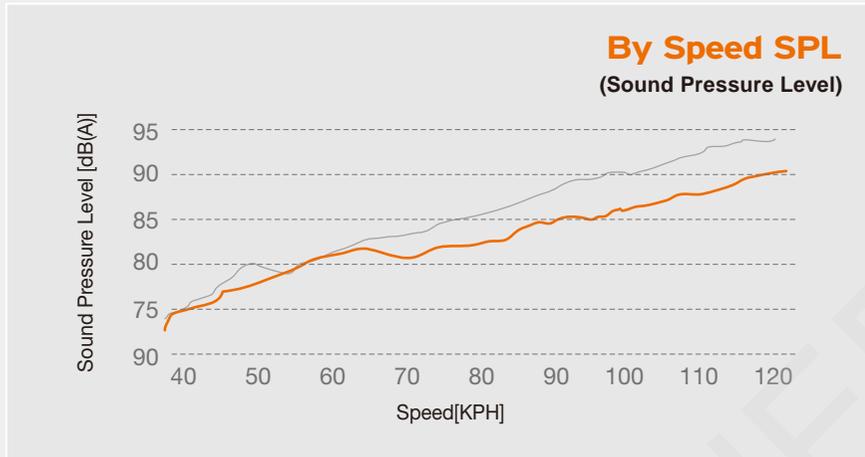
What product would you prefer?

If you want to ensure safety in driving, see below!!



vanTRa LT improved stopping distance **2~9%** compare to conventional.

Achieve best noise performance by applying optimized pitch sequence.

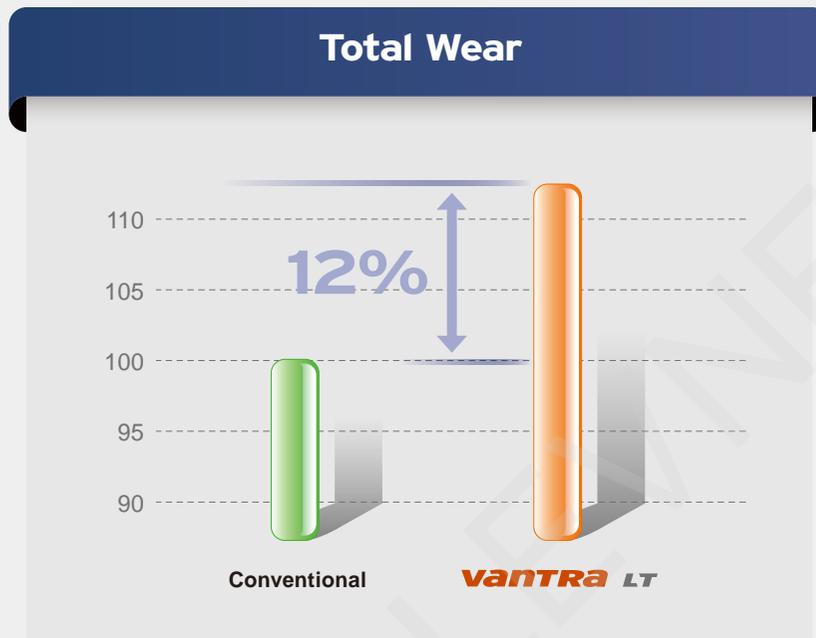


— **vanTRA LT** — Conventional

	Size			Size	
	40~130	50~60	75~85	70Km	80Km
Conventional	81.6	77.4	81.5	80.562	81.559
vanTRA LT	82.0	77.8	81.1	80.489	81.089

The best grounding shape by applying optimized profile reduce fuel consumption..!!

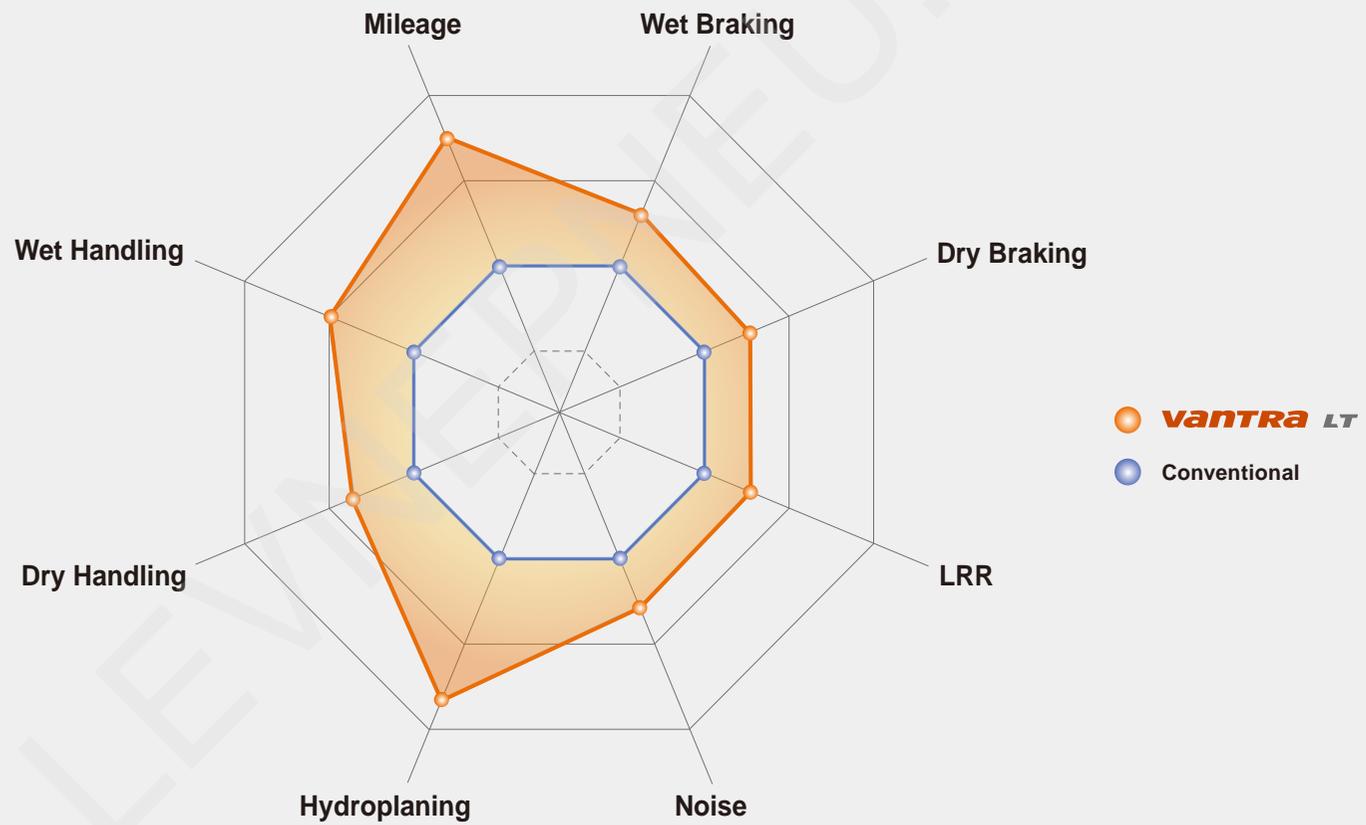
By applying optimized profile **VanTRA LT** improves fuel efficiency by minimizing energy loss in driving.



Advanced Wear Performance

Applying optimized structure with optimum block stiffness & compound technology ensure anti-wear performance for extended long mileage.

VanTRA LT improved wear performance **12%** compare to conventional





LEVNERNEU.CZ