



GRANDTREK ***PT5***



Premium highway terrain tire in the
GRANDTREK line up, providing driving
comfort and wet grip performance.

Product Features



Newly Evolved Handling Performance

Provides stable steering characteristics, allowing even high center-of-gravity SUVs to **maintain confident and secure driving control**.



Excellent Noise Reduction

Designed for the quiet interior space of SUVs, delivering a more **peaceful driving experience**.



Exceptional Comfort

Engineered for everyday driving comfort, **making every journey more enjoyable**.

Pattern Design

Surrounded Grooves

Lateral grooves with different widths **disrupt sound frequencies, reducing resonance and lowering overall tire noise**.

Reduced Shoulder Grooves

Shoulder grooves are **reduced by 30%** compared with GRANDTREK PT3, decreasing air pumping noise and lowering overall tread noise.

Asymmetrical Pattern Design

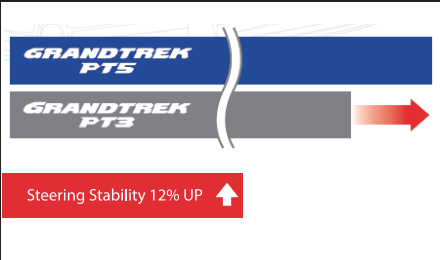
Lateral and fine grooves help **disperse air during driving, preventing noise** generated by airflow passing through the tread.

Tread Contact Width

Updated Profile Design for Increased Tread Width, Wider Contact Width and Larger Overall Contact Area

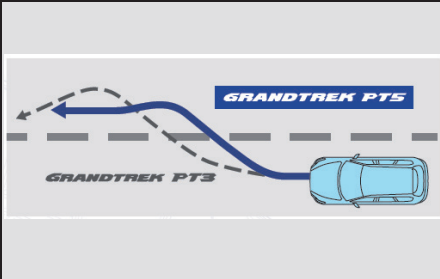


Steering Stability Comparison



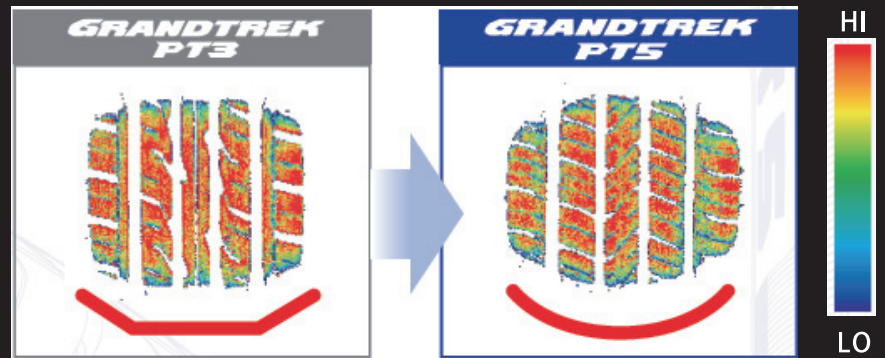
Supresses Vehicle Drift

New curved profile design increases tread width and contact area during driving, effectively suppressing vehicle wandering and improving straight-line stability.



Contact Pressure Distribution Comparison

Compared with GRANDTREK PT3, PT5 has more even contact pressure distribution, helping disperse impact energy and suppress vibration transmitted to the vehicle.



Updated Profile Design contributed to more uniform contact pressure (= Increased Tread Width) & Rounder Contact Patch

SUV Low Noise & High Grip Rubber Compound

Designed for the quiet interior space of SUVs, delivering a more **peaceful driving experience**.

Road Contact Illustration



Enhanced wet grip allows firm hold on the road surface

Higher silica content in the compound allows the tire to maintain strong grip even on wet roads **without sacrificing fuel efficiency**. Enhances chemical bonding with silica.

This technology **improves wet braking performance** while **reducing energy loss**, thereby improving fuel efficiency (lower rolling resistance).

Conventional Compound



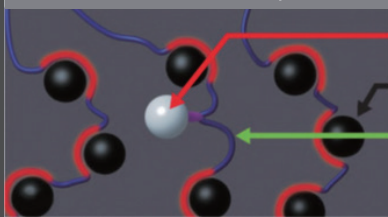
Gaps form between tire and micro-roughness of the road surface.

Low Noise, High Grip Compound



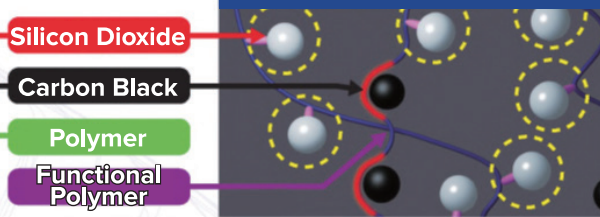
New compound **fills the microscopic irregularities** of the road, **increasing contact area and improving wet grip**.

Conventional Compound



Existing chemical bonds lead to excessive heat energy.

Low Noise, High Grip Compound



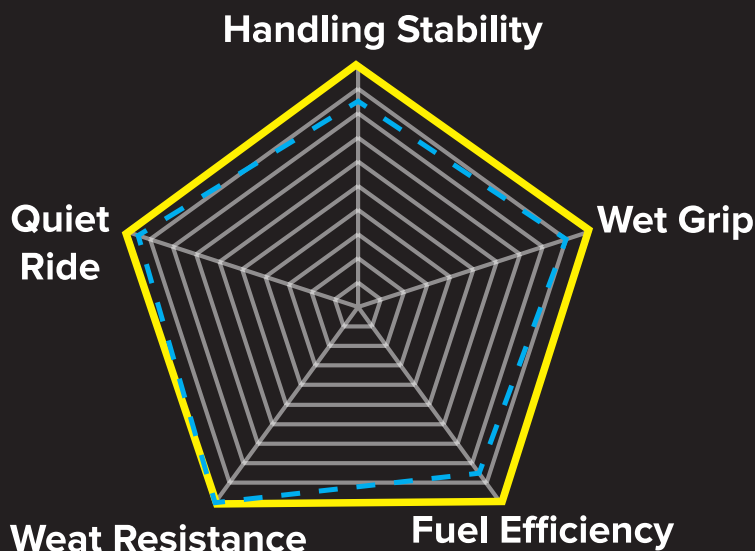
Functionalized polymers **form stronger chemical bonds** with silicon dioxide, **suppressing excessive heat generation**.

Performance Chart

— GRANDTREK PT5

- - - GRANDTREK PT3

Chart shows relative comparison, not absolute values.*



Size Lineup

Rim (inch)	Aspect ratio (%)	Tire Size	Load Index	Speed Symbol	XL or RF
22	50	275/50R22	111	H	
20	45	255/45R20	101	W	
	50	235/50R20	104	V	○
		245/50R20	102	V	
		255/50R20	109	V	○
		265/50R20	107	V	
		285/50R20	112	V	
	55	265/55R20	113	V	○
	60	265/60R20	112	H	
		275/60R20	115	H	
19	50	235/50R19	103	V	○
		255/50R19	107	V	○
	55	225/55R19	99	V	
		235/55R19	101	V	
		245/55R19	103	V	
		265/55R19	109	W	
18	50	215/50R18	92	V	
		225/50R18	95	V	
	55	215/55R18	99	V	○
		225/55R18	98	V	
		235/55R18	100	V	
		255/55R18	109	V	○
	60	225/60R18	100	H	
		235/60R18	107	V	○
		255/60R18	112	H	○
		265/60R18	110	V	
		285/60R18	116	V	
	65	225/65R18	103	H	
		235/65R18	106	H	
		265/65R18	114	V	
		275/65R18	116	H	
	70	245/70R18	110	H	
		265/70R18	116	H	

Rim (inch)	Aspect ratio (%)	Tire Size	Load Index	Speed Symbol	XL or RF
17	55	225/55R17	97	V	
	60	215/60R17	96	H	
		225/60R17	99	V	
	65	225/65R17	102	V	
		235/65R17	108	V	○
		245/65R17	107	H	
		265/65R17	112	H	
		275/65R17	115	H	
		285/65R17	116	H	
	70	265/70R17	115	S	
16	60	215/60R16	95	H	
		235/60R16	100	H	
	65	215/65R16	98	H	
	70	215/70R16	100	H	
		225/70R16	103	H	
		245/70R16	111	S	○
		265/70R16	112	H	
	80	175/80R16	91	S	
15	70	215/70R15	98	H	
		255/70R15	108	H	
	80	175/80R15	90	S	



SUV



PICKUP



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