

RENEGADE® R/T

HANDLING TEST

LT 275/65R20 126/123Q

PATTERN COMPARISON



MICHELIN DEFENDER LTX MS CONTROL TIRE Tread Depth 14/32" (11.1 mm)	RADAR RENEGADE RT Tread Depth 16/32" (12.7 mm)	COOPER DISCOVERER RUGGED TREK Tread Depth 19/32" (15.1 mm)	KENDA KLEVER MT Tread Depth 19/32" (15.1 mm)	NITTO RIDGE GRAPPLER Tread Depth 16/32" (12.7 mm)	VENOM POWER TERRA HUNTER RT Tread Depth 16/32" (12.7 mm)
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- Michelin is a rib pattern while the rest are aggressive rugged terrain patterns.
- Cooper and Kenda have the deepest tread depth (19/32') while Renegade, Nitto and Venom second deepest tread depth (16/32"). Michelin has the least of the lot.
- Test Vehicle – 2021 Ford F250
- Test Location – Tire and Vehicle Test Center, Pearsall, Texas

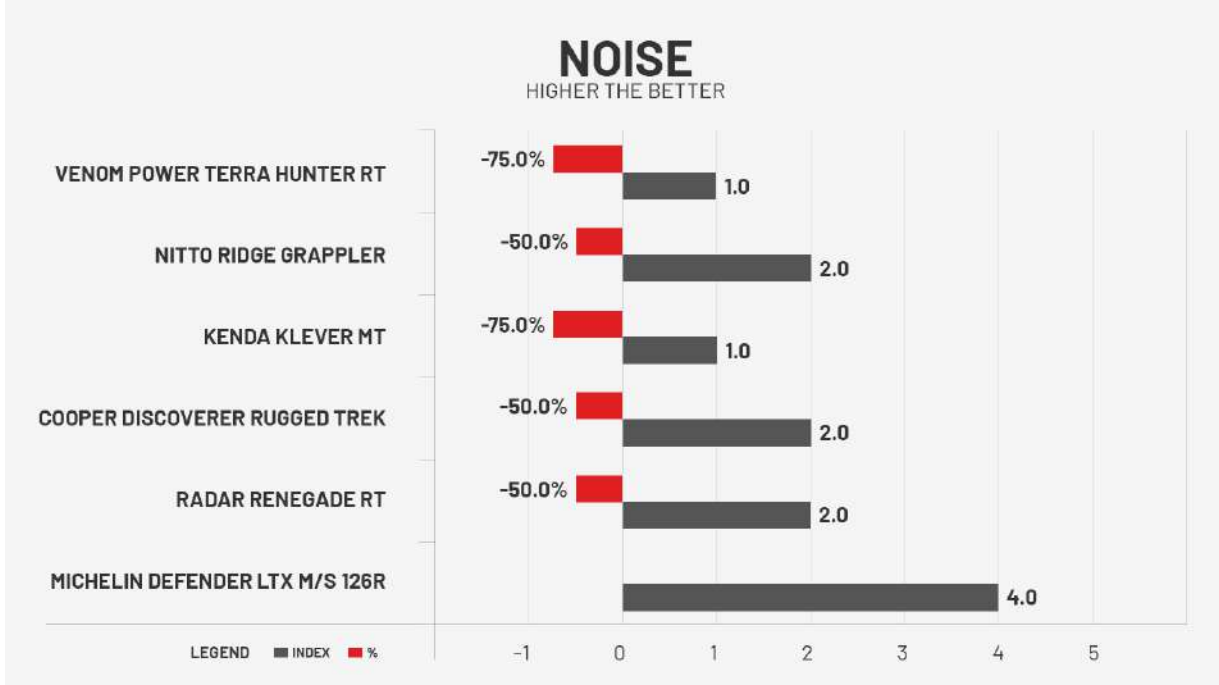
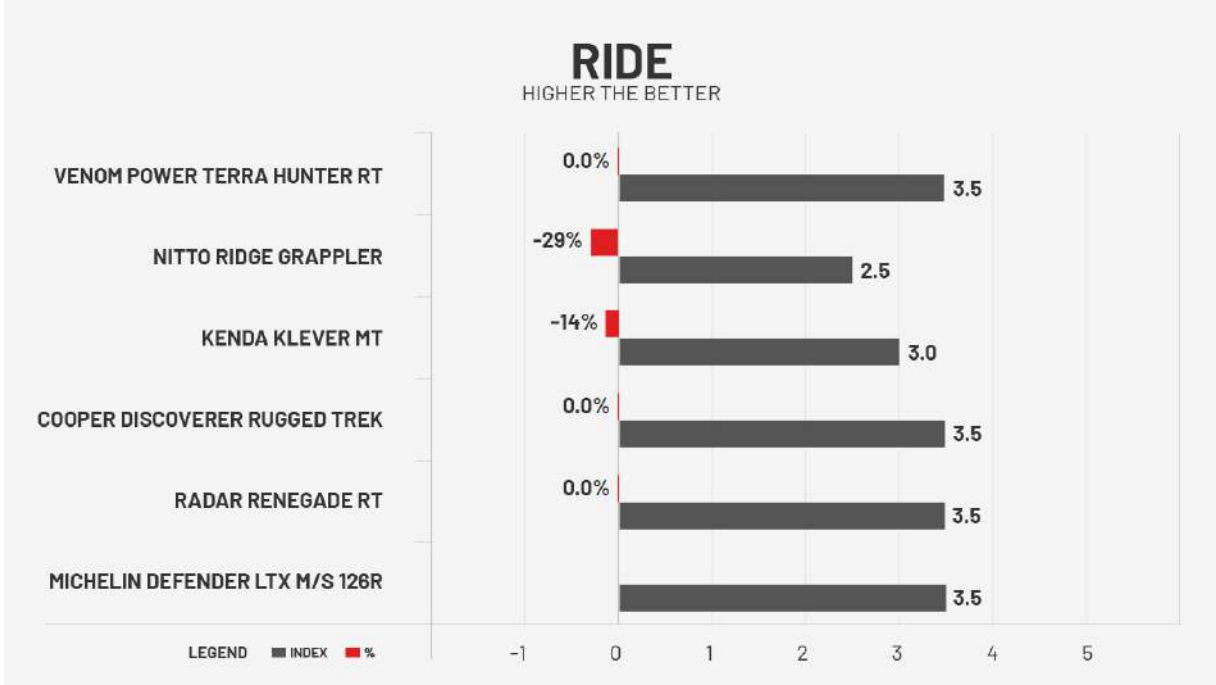
HANDLING TEST SUMMARY

SET NUMBER		CONTROL TIRE	V1	V2	V3	V4	V5
TIRE NAME		MICHELIN DEFENDER LTX M/S 126R	RADAR RENEGADE R/T	COOPER DISCOVERER RUGGED TREK	KENDA KLEVER MT	NITTO RIDGE GRAPPLER	VENOM POWER TERRA HUNTER RT
Tread Depth		14/32"	16/32"	19/32"	19/32"	16/32"	16/32"
Ride	Index	3.5	3.5	3.5	3.0	2.5	3.5
	%		0%	0%	-14%	-29%	0%
Noise	Index	4.0	2.0	2.0	1.0	2.0	1.0
	%		-50.0%	-50.0%	-75.0%	-50.0%	-75.0%
Highway Handling	Index	3.5	3.0	3.0	2.5	3.5	3.0
	%		-14.3%	-14.3%	-28.6%	0.0%	-14.3%
Wet Handling	Index	3.5	2.0	3.0	2.5	2.5	3.0
	%		-42.9%	-14.3%	-28.6%	-28.6%	-14.3%
Wet Stopping Distance	Index	165.5	183.3	171.7	171.2	174.0	174.7
	%		-10.8%	-3.7%	-3.4%	-5.1%	-5.6%
Dry Stopping Distance	Index	157.0	159.2	154.9	157.4	153.1	157.6
	%		-1.4%	1.3%	-0.3%	2.5%	-0.4%

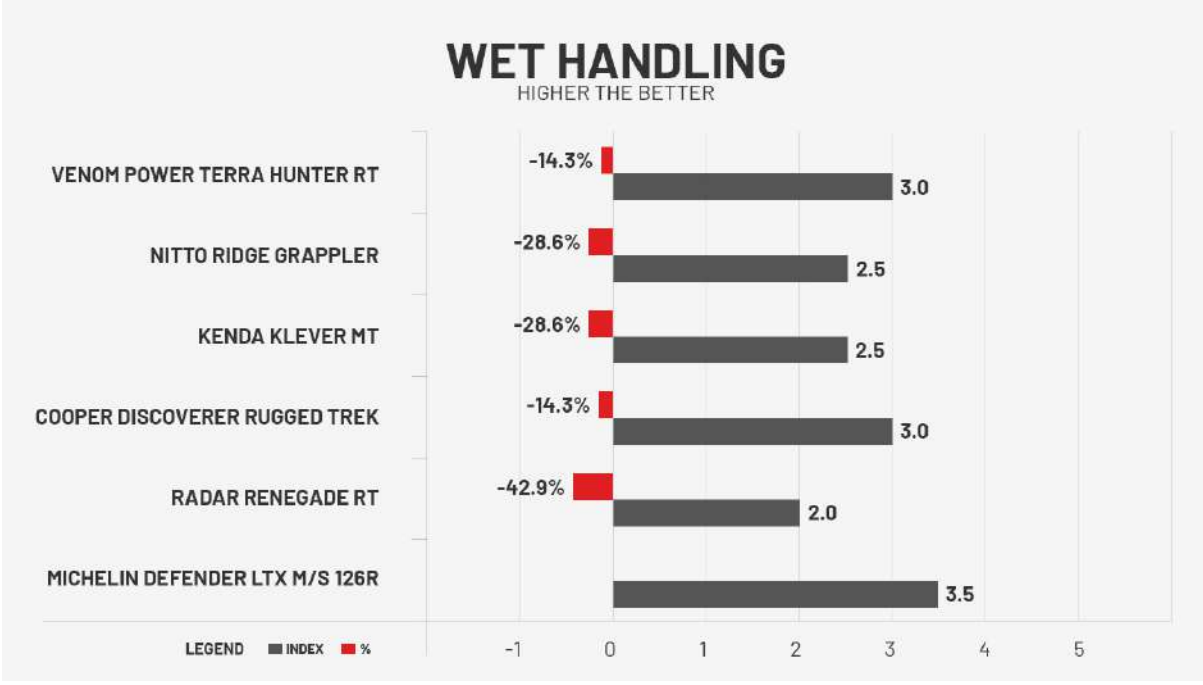
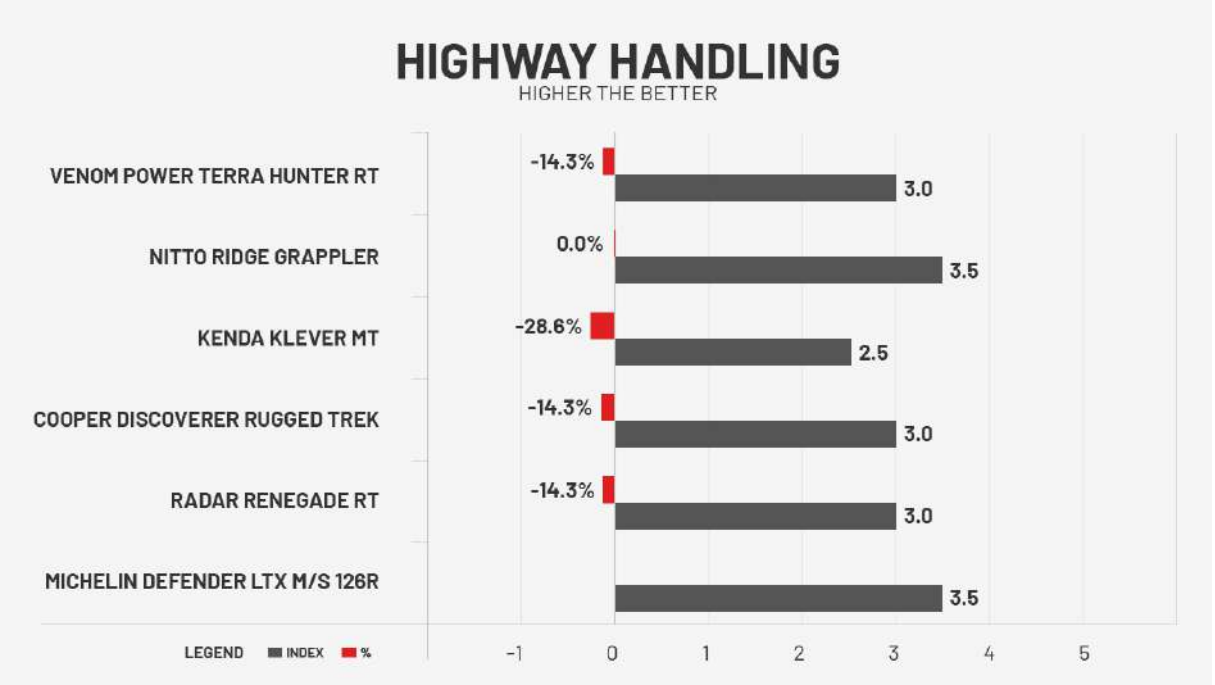
Note
Index – The higher the better In feet – The Lower the better -ve % - Result lower than Control tire

- Summary**
- Ride and Highway handling - Radar’s performance is close to Michelin.
 - Noise - Radar Renegade leads with the least noise despite an aggressive trad design.
 - Wet handling & Wet stopping distance – Radar is ranked lower when compared to other brands

HANDLING TEST



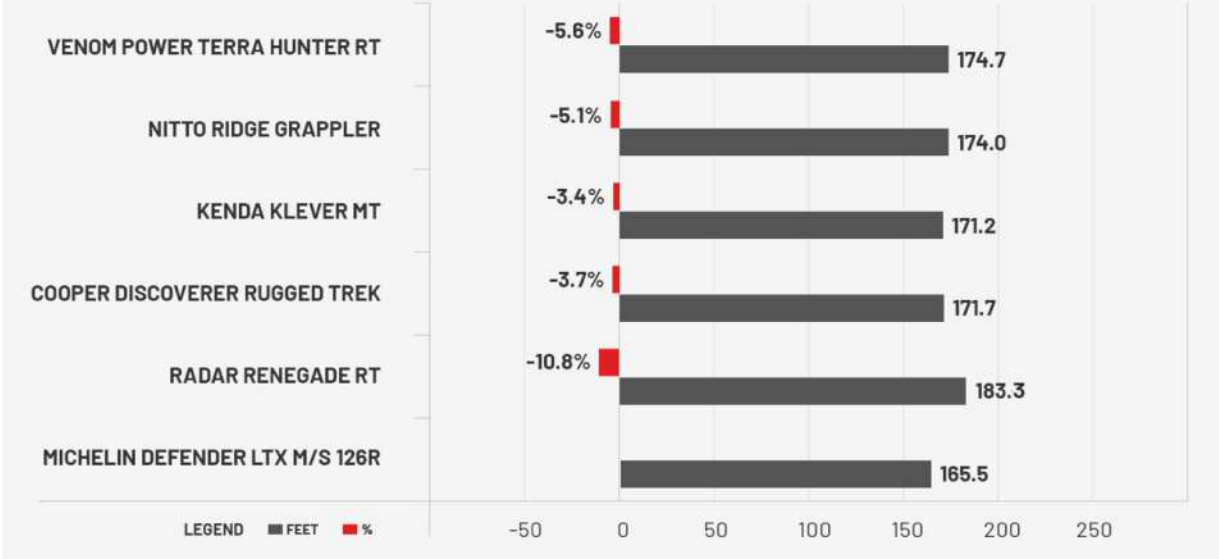
HANDLING TEST



HANDLING TEST

WET STOPPING DISTANCE (feet)

LOWER THE BETTER



DRY STOPPING DISTANCE (feet)

LOWER THE BETTER

