

Low rolling resistance

SmartWay-verified truck tires double in three years

Since *Modern Tire Dealer* began assembling the list of low rolling resistance truck tires that are SmartWay-verified, the number of qualifying tires and brands has increased dramatically.

In the last three years, the number of SmartWay-verified truck tires has doubled, from 612 steer, drive, all-position and trailer tires in 2015 to 1,226 truck tires this year. Compared only to last year, the number is up 23.4%.

The number of brands on the list has spiked as well over the same three-year period, from 193 to 270.

The U.S. Environmental Protection Agency (EPA) says using SmartWay-verified tires can achieve fuel savings of 3% if:

All tires are properly inflated, based on the manufacturer's specifications.

They are used on Class 8, line-haul tractor trailers.

They are used on the axle positions for which verification is specified. (For tractors equipped with 6x2 drivetrains, verified steer or trailer tires may be used on the tag axle with tire manufacturer approval.

Even if low rolling resistance tires are only used on the tractor or trailer, the EPA says there will be incremental fuel savings.

Survey results

According to the [2015 Truck Tires and Maintenance Survey](#), a joint study by *MTD* and its sister publication, *Heavy Duty Trucking*, the SmartWay program is not seen by commercial tire dealers as being of significant importance to the fleets they serve. The average importance rating is 4.18 on a scale of 1 to 10. However, the perceived importance is significantly lower among single locations versus multiple locations, suggesting

that it is more important to those who operate larger fleets. What do fleets think about the SmartWay program? Overall, their average importance rating is 4.01, with the perceived importance significantly lower among small and medium fleets.

SmartWay-verified tires are “exceptionally important” — a 10 ranking — to 22% of the fleets with 100 or more trucks. Another 22% of the largest fleet operators ranked the program a 9. ■



Did you know?

The target test values for SmartWay verification are based on two load range G sizes: 295/75R22.5 or 275/80R22.5.

If the tires are tested in one of those sizes, the tire model also will be verified for the following load range G and H sizes:

- 295/75R22.5,
- 275/80R22.5,
- 11R22.5,
- 285/75R24.5,
- 275/80R24.5 and
- 11R24.5.

Source: U.S. Environmental Protection Agency

SmartWay-verified list of LRR truck tires, mid-year 2017

Brand	Steer	Drive	Trailer
Advance	GL283A, GL282A, GL115S, GL281A, GL116S	GL283A, GL293D, GL282A, GL 266D, GL268D, GL160D, GL281A	GL285T, GL185T, GL155T
Advanta	AV5000S	AV9000D	AV3000T
Aeneas, Hongtu, Huasheng, Humsung, Jinxin, Kapsen, Legion, Road Scenery, Taitong, Terraking, Tudor	HS205	HS208	HS219
Aeolus	ASL67 ECO, HN267 ECO, HN277 ECO, HN257	HN308+ ECO	HN808 ECO
Akuret	DSR266, DSR116, A425, A630, DSR566	DSR266, DSR728, DSR 355, DSR768, A425, DSR566, A305, A310	A530, DSR266, DSR116, DSR669
Allround	BF602, AR602	N/A	N/A

Brand	Steer	Drive	Trailer
Amberstone, Annaite, Guobao, Hilo, Hualu, Qiangwei	660	660, 600	678
Anguangda	N/A	N/A	678
Antyre	TB826, TB835, TB726	TB735, TB826, TB835, TB726	N/A
Aonaite, Constancy, Ilink	Ecosmart12	Ecosmart22	Ecosmart36
Aosen, Dongfeng, Doublestar	DSR266, DSR116, DSR566	DSR728, DSR266, DSR355, DSR768, DSR566	DSR266, DSR116, DSR669
Aoteli	T118, S801, D801	N/A	T116, T801
Aplus	D808, S201	N/A	S205
Archron	T118, S801, D801	N/A	T116, T801
Arisun	CR989, AS600, AS673	CM983, AD737, AD778, AD759	CR915, AT500, AT570, AT563
Armstrong	ASH, ASR	ADH, ADR	ATH
Atlas	STRD09e+, AP100e+, APW09e+ (315/80R22.5 only), AT08CCe+ (11R22.5 and 11R24.5 only)	DRV09e+, AT08CCe+ (11R22.5 and 11R24.5 only)	TR09e+
Aufine	AF559	AF559, AU558	ATL3
Auplus, Basoon, Double Happiness, Glory, Sinotire, Toledo, Zeta	DR909	DR920	DR909T
Auready	G605	G609	N/A
Aurora	UFO3, UF04	UZ02, UZ03	UFO7
Autogrip	DR909	N/A	N/A
Aveda	WX811	WX625, WX869	WX811, WX868
Banners	YTH4	YTH6	N/A
Barkley	BL201, BL202	BL801, BL802	BLT01
Benchmark	F816e+, LLA08e+ (11R22.5 and 11R24.5 only)	LLA08e+, LLD37e+, LLA08e+ (11R22.5 and 11R24.5 only), BDL817	BTL811
Bestrich	Ecomaster100	Ecomaster200	Ecomaster300
BFGoodrich	ST244, ST230	ST244, DR454	TR144
Bigstone	BS65	BS69	N/A
Blacklion	BF155 FST, BF156 FST	BD176 FST, BD171 FST	BT166 FST
Boristar, Briway	BS636	BD787	BT838
Boto	BT 212, BT212N	BT556	BT669
Befriend	BF602	N/A	N/A
Bridgestone	R280, R287, R287A, R283A Ecopia, R268 Ecopia	M720, Greatec M835 Ecopia, Greatec, M710 Ecopia, S803Z, S718WZ, S718YZ, R268 Ecopia, M760 Ecopia	Greatec R135 Ecopia, R195, R197 Ecopia, S197
Cachland	N/A	CH312, CH111	N/A
Carbon Series	CS650, CS650	CS900	N/A
Chilong	CA606, CA606+	CA608	CA602
Cocrea	BF602, CR602	N/A	N/A
Companion	WX811	WX625	WX811, WX868, WX869
Compasal	CDP88, CPS21	N/A	CPS25
Continental	HSL1 Coach, HSL2 (replaces HSL), HSL2 Eco Plus, HSR, HSL2+ Eco Plus, HSR1, HSR1 Eco Plus, HSR2, HSR2 Eco Plus, HSR2 SA, Conti EcoPlus HS3, Conti Coach HA3 (315/80R22.5 only), CrossTrac HA3, Hybrid HS3	HSL1 Coach, HDL Eco Plus, HDL2 Eco Plus, HDL2 DL Eco Plus, HDR, HDR1 Eco Plus, HSR, HSR1, HSR1 Eco Plus, HSR2, HSR2 Eco Plus, HSR2 SA, Eco Plus HD3, Hybrid HD 3, HDR2 Eco Plus, HDL2	HTL Eco Plus, HTL1, Conti EcoPlus HT3

Brand	Steer	Drive	Trailer
Copartner	CPD728	CPD728	CPT128
Cratos	CRD220, CRS600, CRD200	N/A	CRT200
Crosswind	F816e+, LLA08e+ (11R22.5 and 11R24.5 only), CWA202sw, CWA207sw, CWS201sw	LLD37e+, LLA08e+ (11R22.5 and 11R24.5 only) , LDL817, CWD210sw	T810e+, LTL811, CWT209sw, CWT226sw
Cruiser	WX811	WX811, WX625, WX869	WX868
Czeny	CA606+, CA606	CA608	CA602
Daewoo	DWD13	DWD13	N/A
Dailyway	DL205	N/A	HS219
Dayton	D510S, D515S	D610D	D410T, D415T
Delmax	DE012	DE022	DE036
Demeter	NAMA, NF19, NF08	ND06, NF06	NF45
Deruibao	N/A	DRB662	N/A
Diamondback	DBSS6+, DBSS7	DBSD8, DBSD9	DBST6
Double Coin	FR605, RR680, RT600	FD405, FD425, RR680, RT600, RLB450	FT105, FT125
Double Road	DR818	DR819	DR828
Dunlop Tire	SP384 FM	SP456 FM, SP384 FM	SP193 FM
Duramas	STR-150	DRV-150	N/A
Duratur	DA20, DS28	DA20, DD10, DD13	DT22
Durun	YTH4	YTH6	N/A
Dynacargo	Y201, Y208	Y201, Y101, Y103FE	Y202
Dynamic	DC609, DC909	N/A	DC709, DC757
Dynatrac	ST995, PF460	ST995, PD860	ST560
Eagle Star	N/A	N/A	PT219
Eastup	EU16	EU69	N/A
EBT Dawg Pound	DPT221 Urban Dawg A/P	DPT221 Urban Dawg A/P, DPT 301 Drive Dawg C/S	DPT 101 Trailer Dawg
Eced	BT212, BT212N	BT556	N/A
Exmile	WX811	WX625, WX869	WX811, WX868
Falken	RI109 EcoRun, RI128 EcoRun, RI-130 EcoRun, RI-150 EcoRun	BI887, BI830, EcoRun	RI119 EcoRun
Fargo	FG116 (11R22.5 only), FG216	FG516	FG120 (11R22.5 only)
Firelion	TG766, FL76	TG519, FL59	TG517, FL57
Firestone	FS507 Plus, FS591	FD695 Plus, FD691	FT455 Plus, FT491
Flexxium	N/A	N/A	FT309
Frideric	FA606+, FA606	FA608	FA602
Fronway	HD609, HD909	N/A	HD709, HD757
Fullrun	TB822, TB833, TB822+, TB722	TB733, TB822, TB833, TB822+, TB722	TB798
Fullway	FWAY606A, FWAY606S	FW608 D	FA602S
Furious	F802, F818A	F808	F818
General	S371, S580, S581, S360 (11R22.5 only), HS, RA	D660, S371, S580, S581, HD	ST250, HT
Geostar	G300, G305SW	N/A	N/A
Gladiator	QR55ST-E	QR99PD-E	QR25TR-E, Q35TR-E
Global Speed	GS965	GS969	N/A
GM Rover	GM512	GM522	GM917
Golden Crown	AS678	AD757	N/A
Goldpartner	GP702, GP718A	GP708	GP718

Brand	Steer	Drive	Trailer
Goldshell	HD609, HD909	N/A	HD709, HD757
Goldshield	HD609, HD909	N/A	HD709, HD757
Goldstar	GST16	GST18	N/A
Goldway	YTH4	YTH6	N/A
Goodride	CR989 (11R22.5 only), AS678	CM983, CM980, AD757	CR915
Goodyear	G399 Fuel Max, G399A Fuel Max, G662 Fuel Max, Fuel Max LHS, Marathon LHS, Fuel Max RSA	G305 Fuel Max AT, G392 SSD, G392A Fuel Max, G572 Fuel Max, G572A Fuel Max, G572 1AD, G505 Fuel Max, G399 Fuel Max, G399A Fuel Max, G662 Fuel Max, Fuel Max LHS, Marathon LHD, Fuel Max RSA	G316 LHT Fuel Max, G316 Fuel Max DuraSeal, G394SST, Endurance T, Marathon LHT, Fuel Max LHT
Grandstone	GT238, GT178	N/A	GT126
Great Lakes	N/A	GLT Green Drive	GLT Green Trailer
Gremax	GM660	GM660, GM600	GM678
Grenlander	GR612	GR622	GR636
GT Radial	GSL213 FS, GT879, GT279, GT867 size 11R22.5 only	GT669+ FS, GDL617FS, GT688, GDL650FS, GDL651 FS	GT979 FS, GTL922FS
Guangda	N/A	600	678
Haida	HDD728	HDD728	HDT128
Hankook	AH24, AL07+, AL11, AH37	AH24, DL11, Z35A, e ³ WiDE DL07, DH37	TL 01, e ³ WiDE TL07
Hanksugi	HS66	HS66, HS68	N/A
Harvord	HVA28	HVD36	N/A
Haulmax	WX811	WX625, WX869	WX811, WX868
Headway, Hemisphere, Herovic, Horizon	HA968	HD967	N/A
Hemaea	N/A	TRM69	N/A
Hemaer	TRM65	N/A	N/A
Hercules	H-801, H-802, H502, H-309 Eco, H-804 Eco, H902 EcoFT	H-702, H-703, H-704 EcoFT	H-903
Hifly	HH111	HH111, HH312	N/A
Hitec	HT125	HT225	HT356
Huger	HA606+, HA606	HA608	HA602
Hunter	HT925	HT529	HT728
Infinity	LLA08e+ (11R22.5 and 11R24.5 only)	LLA08e+ (11R22.5 and 11R24.5 only), IDL817	ITL811
Inning	DS968	DD398	DT966, DT966T
Intertrac	N/A	N/A	TCHT1
Ironman	I-601, I-109, I-502	I-208, I-370	I-460
Jinyu	FJY588 FST, JF515, JF516	JD571	JT561
Joseben	JA606+, JA606	JA608	JA602
Joytour	GA286	GD365	HS219
Juda	WX811	WX625, WX869	WX811, WX868
Jumbo	AST390, ADM678	N/A	AST619
Kebek	KB205	KB208	HS219
Kelly	Steelmark AGS (11R22.5 and 11R24.5 only)	N/A	N/A
Keter	DR909	KTHD3, DR920	KTHT2, DR909T
Kingrun	TT865, Ecostar110	TT869, Ecostar210	Ecostar310
Kombat	K555	K608	K519

Brand	Steer	Drive	Trailer
Koryo	KM216, KR122	K516, KR516	KM120
Kumho	KLS02e, KRS02e	KLD01e, KLD02e	KLT02e, KLT12 ecowing
Kunyuuan	WX811	WX625, WX869	WX811, WX868
Landy Tire	DS968	DD398	DT966, DT966T
Lanvigator	D808, S201	N/A	S205
Lanwood	LW801	LW902	LW803
Laverock	LKSL606+, LKSL606	LKSL608, LKSL606	LKSL602
Leao	LLF16e+, F816e+, LLF02e+ (315/80R22.5 only), LLA08e+ (11R22.5 and 11R24.5 only), AFE823, LLA18e+ (385/65R22.5 only), LAL800e+ (11R22.5 only)	LLA08e+ (11R22.5 and 11R24.5 only), ADE 822, LLA18e+ (385/65R22.5 only), LDE822 (11R22.5 only), LAL800e+ (11R22.5 only), LLD37e+, ADE837, ADL817	ATE821, LTE 821, T810e+, ATL811
Linglong	F816e+, LLF16e+, LFE823, LLF02e+ (315/80R22.5 only), LLA08e+ (11R22.5 and 11R24.5 only), LLA18e+ (385/65R22.5 only), LAL800e+ (11R22.5 only)	LLA08e+ (11R22.5 and 11R24.5 only), LLA18e+ (385/65R22.5 only), LDE822 (11R22.5 only), LAL800e+ (11R22.5 only), LLD37e+, LDE837, LDL817	LTE 821, T810e+, LTL811
Loadrunner	LR735R	LR835D	LR125T
Long March	LM116 (11R22.5 only), LM 216	LM516	LM 120 (11R22.5 only)
Longfull	LF606+LF606	LF608	LF602
Longway	LDL68	N/A	LTL66
Luckyar, Rockstar, Sangong, Toe	TRM65	TRM69	N/A
Manchester	CS650	CS900	N/A
Marando	MO665	MO669	HK876T
Marvamax	MX965	MX969	HK876T, HK863T
Maxim	WX811	WX625, WX869	WX811, WX868
Maxtrong	MXM65	MXM59	N/A
Michelin	X Coach XZ, XZA3, XZA3+, XZA2, XZA1+, XZA2 Energy, X Mutli Energy Z, X Line Energy Z, X Multi Z	XDA Energy, XDA3, X-One XDA, X-One XDN2, X-One XDA Energy, X Multi Energy D, X Line Energy D, X-One Line Energy D, X Coach XZ, XZA3+, XZA 1+, XZA2 Energy, X Mutli Energy Z, X Line Energy Z, X Multi D, X Multi Z	XTA Energy, XT1, X-One XTA, X-ONE XTE, X Line Energy T, X-One Line Energy T, X-One Multi Energy T
Milestar	BS626SW, BS627SW	BD757SW	BT818SW
Milever	SFR03, SAH01, STR660	SFR03, SAH01, SDR01	N/A
Multirac	Xtrac205, Xtrac12	Xtrac208, Xtrac22	Xtrac36
Nama	NF19, NF08, NF35	ND06, NF06	NF45, NF36
National Gold	SG205	SG208	SG219
Newland	G605	G609	N/A
Nordexx	NXS104	NXD205	N/A
Odyking	OD369, OD205	OD789	OD366
Omni Cargo, Shuma, Super Hawk	HK865	HK869	HK863T, HK876T
Onyx	H0111	H0111, HO312	N/A
Ornet	OR279, OR282	OR866	N/A
O'Green	OG ST50-E	OG PD90-E	OG TR30-E
Pace	PM216	PM516	PM120
Philixx	PA800	N/A	P219
Pirelli	FH:01	TH:01 200, TH:01 212	N/A

Brand	Steer	Drive	Trailer
Powertrac	Power Pro, Power Contact, Power Steerer	N/A	Confort Expert, Power Trailer
Primeway	N/A	N/A	PW170
Primex	PSR112	PDL222	PTL336
Rapid	T118, S80, D801	N/A	T116, T801
Redsea	N/A	N/A	RS170
Regul	GL282A L.E.T., GL283A L.E.T.	GL282A L.E.T., GL283A L.E.T., GL266D L.E.T.	GL285T L.E.T.
Rhino	RT125	RT225	RT365
Riverstone	RI-104	RI-106	N/A
Roadlux	R116 (11R22.5 only), R216	R516	R120 (11R22.5 only)
Roadmaster (Cooper)	RM180, RM185, RM234EM, RM180+EM	RM851, RM256EM, RM852 EM	RM871, RM872EM
Roadone	LLA08e+ (11R22.5 and 11R24.5 only), F816e+, LFE823	LLA08e+ (11R22.5 and 11R24.5 only), LLD37e+, LDL817, LDE837	LTL811, LTE 821, T810e+
RoadPro	S180 FS	R610FS	R910FS
Roadshine	RS602, RS618A	RS608	RS618
Roadstar	N/A	RS301E	N/A
RoadX	ST355 R3, RH648-R3	CD 880-R3	TR 528 R3
Royal Black	RBK06, RBK88	N/A	RBK12, RBK05
Runking	BT212, BT212N	BT556	BT669
Safecess	SFC76	SFC59	SFC57
Saffiro	SF709	SF606	SF712T
Sailun	S605 EFT, S606 EFT, S665 EFT	S768 EFT, S753 EFT	S622 EFT
Samson	GL283A, GL281A, GL282A, GL115S, GL116S	GL283A, GL281A, GL293D, GL282A, GL266D, GL 268D, GL160D	GL 285T, GL155T
Sayan	SA635	SA835	SA185
Sentry	STR-100	CSD019	TR009
Sierra	SR226, SR359, SR278, SR256	SR336, SR369	SR276, SR826, GT287, SR803, SR803T
Skyfire	SK502, SK518A	SK508	SK518
Slokstone	SK65	SK69	N/A
Starhorse	SH802	SH907	N/A
Stella	ST658, ST658+	ST627	ST668
Sumitomo	ST778SE, ST778A SE, ST709 SE, ST719SE, ST788SE	ST938SE, ST948SE (11R22.5 only)	ST710SE
Summit	SSR1-SWC	SDR1-SWC	N/A
Sunfull	HF111	HF111, HF312	N/A
Sunny	SFR03, SAH01, STR660	SFR03, SAH01, SDR01	STR660
Sunote	SN135, SN665	SN115	SN586
Suo	S102, S118A	S108	S118
Super Cargo	SC02, S100, S300	SC08	SC05 (11R22.5 only)
Supercrown	QT865	QT870	N/A
Superior	STAP-240+, PSTR-450+	LHD840+	TRL-555+
Suretrac	RT298, RT258, RT256	RT389, RT369	RT823, GT287, RT803, RT803T
Synergy	AP400, SP100	DP200	TP300
Tarmacking	TKS02	N/A	N/A
Tauopower	XTHS1	XTD1	XTHT1

Brand	Steer	Drive	Trailer
TBB	GR100, GR110	GR320	N/A
Tech King	TCAMC NT	TKAMC ND	N/A
Three-A	T118, S801, D801	N/A	T116, T801
Timax	TX35	TX39	TX37
Tokyo	N/A	N/A	KY170
Topstar	DSR266, DSR116, HK865, DSR566	DSR728, DSR266, DSR355, DSR 768, HK869, DSR566	DSR266, DSR116, DSR 669, HK863T, HK876T
Torch	GA257		GT287
Toryo	TR65, WX811	TR69, WX625, WX869	WX811, WX868
Tourtrack	Pilot RS2, Pilots	Intrepid CS2	Pilot TR2
Toyo Tires	M137, M177, M154, M144A	M657, M650, M677	M157
Toyomoto	Trans205	Trans208	N/A
Trailfinder	TFM65	TFM69	N/A
Transking	TG766, Ecosmart12	TG519, Ecosmart22	TG517, Ecosmart36
Triangle	TRS01, TRS02	TRD01, TRD03	TRT01
Triones	T302, T318A	T308	T318
Truckmaster	WX811	WX625, WX869	WX811, WX868
Truckpro	TP245	TP358	TS224
Trustone	YS665	YS669	N/A
Turnpike	HK865, S600, D660, S600+, S690	HK869, D690, S600, D660, S600+, S690, GD267	HK863T, HK876T, S650, GA257
Unigrip	Road Carrier	Road Plus	Road Trail
Uniroyal	RS20, LS24	RS20, LS24, LD10	LT40
United	UT555	UT608	UT519
V-Netik	VK312	VK308	N/A
Vitour	WX811	WX625, WX869	WX811, WX868
Vizzoni	VZ666A	VZ653A	VZ652A
Wanli	SFR01 (315/80R22.5 and 11R22.5 only), SFR03, SAH01, STR660	SFR03, SAH01, SDR01	STR660
Westlake	CR989, CR960A, AS678	CM983, CM980, AD757	CR915, AT566
Windcatcher	ST665	ST669	N/A
Windforce	WD2000, WH1020	N/A	WH1000
Windpower	WSL61 Eco, WSL67 Eco	WDL61 Eco	WTL33 Eco
Wintour	WT606+, WT606	WT608	WT602
Xceed	XD282, XD809, XD201, XD286	XD866	XD276
Yatai	D801	N/A	N/A
Yatone	T118, S801, D801	N/A	T116, T801
Yokohama	RY617, RY023, 103ZR, 101ZL, 101ZL Spec 2, RY087, RY407, RY587, RY587MC2, 104ZR Spec-2 (315/80R22.5 only), 108R	703ZL, TY517mc2, TY517 (445/50R22.5 only), 709ZL, 902L, RY407, RY587, RY587MC2, RY617, RY023, 103ZR, 101ZL, 101ZL-Spec2, RY087, 104ZR Spec-2 (315/80R22.5 only), 108R, 709L	RY407, RY587, RY587MC2, 109L
Zeemax	FSL129, FAR532, FDL230	N/A	FTL331
Zeetex	HT14 extra, ZOR, ZSH	TZ12 extra, ZDR, ZDH (11R22.5 only), ZSH	HT16 extra (11R22.5 only), ZTH