

# 540/65R30 171A8/166D NOKIAN TYRES HAKKAPELIITTA TRI SB TL

Precise control and great efficiency

PRODUCT CODE	T445736
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Tractor
LI / SPEED SYMBOL	171A8 (166D)
RIM RECOMMENDED	DW18L
RIM PERMITTED	DW16L
TYPE APPROVAL	E8 106R-001741



## LOAD CAPACITY FOR TRACTOR, LB

### Constant load

Pressure (psi)	Speed (mph)													
	0	2.5	5 LT	10	12	15	17.5 5 HT	22.5	25	27.5	30	35	37.5	40
12	10470	6625	5710	5160	5005	4840	4760	4685	4565	4440	4290	4165	4090	3970
17	13380	8465	7295	6590	6395	6185	6085	5985	5830	5675	5480	5325	5225	5070
23	15860	10030	8655	7815	7575	7330	7210	7090	6910	6725	6495	6305	6185	6010
29	17900	11320	9765	8820	8545	8265	8135	8005	7795	7595	7320	7120	6980	6780
35	19500	12335	10635	9600	9305	9005	8865	8720	8500	8265	7980	7760	7605	7385
41	21240	13435	11585	10460	10140	9820	9655	9490	9260	9015	8685	8455	8290	8045
46	23280	14725	12700	11465	11110	10760	10580	10405	10140	9875	9525	9260	9085	8820
52	25465	16105	13890	12545	12160	11775	11575	11385	11090	10805	10415	10130	9930	9645
58	28375	17945	15475	13975	13545	13120	12895	12690	12355	12035	11605	11290	11065	10750
65	30845	19510	16820	15190	14725	14255	14020	13790	13435	13085	12620	12270	12035	11685

**Cyclic load**

Pressure (psi)	Speed (mph)													
	0	2.5	5 LT	10	12	15	17.5 5 HT	22.5	25	27.5	30	35	37.5	40
12	10470	7615	6865	6105	5635	5080	4885	4720	4565	4440	4290	4165	4090	3970
17	13380	9735	8775	7805	7200	6495	6240	6030	5830	5675	5480	5325	5225	5070
23	15860	11530	10395	9250	8530	7695	7385	7155	6910	6725	6495	6305	6185	6010
29	17900	13020	11730	10440	9625	8675	8335	8070	7795	7595	7320	7120	6980	6780
35	19500	14175	12775	11375	10485	9460	9085	8785	8500	8265	7980	7760	7605	7385
41	21240	15455	13920	12390	11430	10295	9900	9580	9260	9015	8685	8455	8290	8045
46	23280	16930	15255	13580	12520	11290	10845	10495	10140	9875	9525	9260	9085	8820
52	25465	18520	16690	14860	13700	12345	11860	11475	11090	10805	10415	10130	9930	9645
58	28375	20635	18595	16555	15265	13755	13215	12785	12355	12035	11605	11290	11065	10750
65	30845	22430	20215	17990	16590	14960	14375	13900	13435	13085	12620	12270	12035	11685

**TIRE DIMENSIONS**

	New tire	Max. in service
OVERALL DIAMETER	57.5 in	58.2 in
TIRE WIDTH	21 in	22.1 in
PATTERN DEPTH	35/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	65 psi	

STATIC LOADED RADIUS 26.3 in @ 13600 lb / 65 psi

DYNAMIC ROLLING CIRCUMFERENCE 174.9 in @ 13600 lb / 65 psi

DYNAMIC ROLLING RADIUS 27.8 in @ 13600 lb / 65 psi

SPEED RADIUS INDEX 700

TUBELESS VALVE TR618A

BELT MATERIAL Steel

MARKINGS M+S

STUDDABLE Yes  
Marked stud positions on tread  
Number of studs 168 pcs  
Recommended stud 12-20,12-23,12-24

VOLUME 127 gallons 100%  
95 gallons 75%

**WATER AND SALT BALLASTING**

(CaCl<sub>2</sub>, 75%, -30°C) Always use a tube when filled with water/salt.

Tire volume 100%		Water filling 75%		Water/salt filling (75% / -30°C)				Total weight increase	
				Water		Salt			
Litres	Gallons	Litres	Gallons	Litres	Gallons	kg	lbs	kg	lbs
482	127	362	95	297	78	151	333	448	988

NOKIAN TYRES PLC is a full member of ETRTO and affiliated member of TRA. In design and production, we certify that products made in Nokian factory (YL) are according the ETRTO and TRA standards.

The tire has been manufactured and tested in accordance with the requirements of ISO 9001 and ISO 14001. Nokian Tyres Plc has the following certificates:

- Quality Management System Standard, ISO 9001, Certificate No: 76363-2010-AQ-FIN-FINAS
- Environmental Management System Standard, ISO 14001, Certificate No: 76361-2010-AE-FIN-FINAS

More information: [www.nokiantyres.com/heavy/technical-tire-manual/](http://www.nokiantyres.com/heavy/technical-tire-manual/)