

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, KG

Constant load

Pressure (kPa)	Speed (km/h)													
	0	5	10 LT	15	20	25	30 10 HT	35	40	45	50	55	60	65
80	4750	3005	2590	2340	2270	2195	2160	2125	2070	2015	1945	1890	1855	1800
120	6070	3840	3310	2990	2900	2805	2760	2715	2645	2575	2485	2415	2370	2300
160	7195	4550	3925	3545	3435	3325	3270	3215	3135	3050	2945	2860	2805	2725
200	8120	5135	4430	4000	3875	3750	3690	3630	3535	3445	3320	3230	3165	3075
240	8845	5595	4825	4355	4220	4085	4020	3955	3855	3750	3620	3520	3450	3350
280	9635	6095	5255	4745	4600	4455	4380	4305	4200	4090	3940	3835	3760	3650
320	10560	6680	5760	5200	5040	4880	4800	4720	4600	4480	4320	4200	4120	4000
360	11550	7305	6300	5690	5515	5340	5250	5165	5030	4900	4725	4595	4505	4375
400	12870	8140	7020	6340	6145	5950	5850	5755	5605	5460	5265	5120	5020	4875
450	13990	8850	7630	6890	6680	6465	6360	6255	6095	5935	5725	5565	5460	5300

Cyclic load

Pressure (kPa)	Speed (km/h)													
	0	5	10 LT	15	20	25	30 10 HT	35	40	45	50	55	60	65
80	4750	3455	3115	2770	2555	2305	2215	2140	2070	2015	1945	1890	1855	1800
120	6070	4415	3980	3540	3265	2945	2830	2735	2645	2575	2485	2415	2370	2300
160	7195	5230	4715	4195	3870	3490	3350	3245	3135	3050	2945	2860	2805	2725
200	8120	5905	5320	4735	4365	3935	3780	3660	3535	3445	3320	3230	3165	3075
240	8845	6430	5795	5160	4755	4290	4120	3985	3855	3750	3620	3520	3450	3350
280	9635	7010	6315	5620	5185	4670	4490	4345	4200	4090	3940	3835	3760	3650
320	10560	7680	6920	6160	5680	5120	4920	4760	4600	4480	4320	4200	4120	4000
360	11550	8400	7570	6740	6215	5600	5380	5205	5030	4900	4725	4595	4505	4375
400	12870	9360	8435	7510	6925	6240	5995	5800	5605	5460	5265	5120	5020	4875
450	13990	10175	9170	8160	7525	6785	6520	6305	6095	5935	5725	5565	5460	5300

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1460 mm	1479 mm
TIRE WIDTH	534 mm	561 mm
PATTERN DEPTH	28 mm	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	450 kPa	

STATIC LOADED RADIUS 667 mm @ 6150 kg / 450 kPa

DYNAMIC ROLLING CIRCUMFERENCE 4442 mm @ 6150 kg / 450 kPa

DYNAMIC ROLLING RADIUS 707 mm @ 6150 kg / 450 kPa

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 482 l 100%
362 l 75%

WATER AND SALT BALLASTING

(CaCl₂, 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 to 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/