540/80R38 172A8/167D NOKIAN TYRES TRI 2 SB TL

Reliable performance all year round

PRODUCT CODE	T445338
EQUIVALENT SIZE	20.8R28
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Tractor
LI / SPEED SYMBOL	172A8 (167D)
RIM RECOMMENDED	DW18L
RIM PERMITTED	DW16L
TYPE APPROVAL	E8 106R-001616

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	14550	9205	7935	7165	6945	6725	6615	6505	6340	6175	5950	5785	5675	5510
17	18330	11595	10000	9030	8750	8475	8335	8190	7990	7780	7495	7295	7155	6945
23	22555	14265	12300	11110	10770	10430	10250	10085	9820	9570	9225	8975	8795	8545
29	24735	15655	13490	12180	11805	11430	11245	11055	10780	10495	10120	9845	9655	9370
35	26920	17030	14685	13260	12855	12445	12235	12035	11730	11420	11010	10705	10505	10195
41	29100	18410	15875	14330	13890	13450	13230	13005	12675	12345	11905	11575	11355	11025
46	32595	20615	17780	16050	15555	15060	14815	14575	14200	13825	13340	12965	12720	12345

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	14550	10580	9535	8490	7825	7055	6780	6560	6340	6175	5950	5785	5675	5510
17	18330	13340	12015	10690	9865	8885	8545	8265	7990	7780	7495	7295	7155	6945
23	22555	16400	14780	13160	12135	10935	10505	10165	9820	9570	9225	8975	8795	8545
29	24735	17990	16215	14430	13305	11995	11530	11155	10780	10495	10120	9845	9655	9370
35	26920	19575	17635	15710	14485	13050	12545	12135	11730	11420	11010	10705	10505	10195
41	29100	21165	19070	16975	15655	14110	13560	13120	12675	12345	11905	11575	11355	11025
46	32595	23700	21365	19015	17525	15805	15190	14695	14200	13825	13340	12965	12720	12345

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	71.9 in	73.3 in
TIRE WIDTH	21.8 in	22.3 in
PATTERN DEPTH	38/32 in	
PATTERN DEPTH ON TIE BAR	31/32 in	
MAX. INFLATION PRESSURE	46 psi	

STATIC LOADED RADIUS	32.8 in @ 13900 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	217.4 in @ 13900 lb / 46 psi
DYNAMIC ROLLING RADIUS	34.6 in @ 13900 lb / 46 psi
SPEED RADIUS INDEX	875
TUBE VALVE	TR218A
TUBELESS VALVE	TR618A
BELT MATERIAL	Steel
MARKINGS	M+S
STUDDABLE	Yes Marked stud positions on tread Number of studs 192 pcs Recommended stud 12-20,12-23,12-24,16-19
VOLUME	195 gallons 100% 146 gallons 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
740	195	555	147	455	120	232	512	687	1515

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/