620/80R42 181A8/177D NOKIAN TYRES TRI 2 SB TL

Reliable performance all year round

PRODUCT CODE	T445518
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Tractor
LI / SPEED SYMBOL	181A8 (177D)
RIM RECOMMENDED	DW20B
RIM PERMITTED	DW23B
TYPE APPROVAL	E8 106R-001638

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	18915	11970	10320	9315	9030	8740	8600	8455	8245	8025	7740	7530	7385	7165
17	24010	15190	13095	11830	11465	11100	10915	10735	10460	10185	9820	9545	9370	9095
23	29100	18410	15875	14330	13890	13450	13230	13005	12675	12345	11905	11575	11355	11025
29	32595	20615	17780	16050	15555	15060	14815	14575	14200	13825	13340	12965	12720	12345
35	34920	22090	19050	17195	16665	16140	15875	15610	15210	14815	14285	13890	13625	13230
41	37830	23930	20635	18630	18055	17485	17195	16910	16480	16050	15475	15045	14760	14330
46	42485	26875	23170	20920	20285	19630	19315	18995	18510	18025	17385	16900	16580	16095

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	18915	13755	12400	11035	10175	9170	8820	8530	8245	8025	7740	7530	7385	7165
17	24010	17460	15730	14010	12920	11640	11190	10825	10460	10185	9820	9545	9370	9095
23	29100	21165	19070	16975	15655	14110	13560	13120	12675	12345	11905	11575	11355	11025
29	32595	23700	21365	19015	17525	15805	15190	14695	14200	13825	13340	12965	12720	12345
35	34920	25395	22885	20370	18785	16930	16270	15740	15210	14815	14285	13890	13625	13230
41	37830	27515	24790	22070	20350	18340	17625	17055	16480	16050	15475	15045	14760	14330
46	42485	30900	27845	24780	22850	20600	19800	19145	18510	18025	17385	16900	16580	16095

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	81.1 in	81.9 in
TIRE WIDTH	24.6 in	25.1 in
PATTERN DEPTH	44/32 in	
PATTERN DEPTH ON TIE BAR	44/32 in	
MAX. INFLATION PRESSURE	46 psi	

STATIC LOADED RADIUS	36.4 in @ 18200 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	247.6 in @ 18200 lb / 46 psi
DYNAMIC ROLLING RADIUS	39.4 in @ 18200 lb / 46 psi
SPEED RADIUS INDEX	975
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	297 gallons 100% 223 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
1125	297	844	223	692	183	353	778	1045	2304

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/