360/80R24 143A8/138D NOKIAN TYRES TRI 2 SB TL

Reliable performance all year round

PRODUCT CODE	T445378
EQUIVALENT SIZE	13.6R24
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Tractor
LI / SPEED SYMBOL	143A8 (138D)
RIM RECOMMENDED	DW11
RIM PERMITTED	DW10, DW12
TYPE APPROVAL	E8 106R-001623

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	6350	4010	3460	3120	3030	2930	2890	2835	2765	2690	2590	2525	2480	2405
17	8145	5160	4440	4010	3890	3770	3705	3640	3550	3460	3330	3240	3175	3085
23	9900	6260	5400	4870	4720	4575	4495	4420	4310	4200	4045	3935	3860	3750
29	10770	6810	5875	5300	5135	4970	4895	4815	4695	4565	4410	4290	4200	4080
35	11640	7365	6350	5730	5555	5380	5290	5205	5070	4940	4760	4630	4540	4410
41	12690	8025	6925	6250	6050	5865	5765	5665	5525	5380	5190	5050	4950	4805
46	14145	8950	7715	6965	6745	6535	6425	6315	6160	5995	5785	5620	5525	5355

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	6350	4620	4155	3705	3415	3075	2955	2855	2765	2690	2590	2525	2480	2405
17	8145	5930	5335	4750	4385	3945	3790	3670	3550	3460	3330	3240	3175	3085
23	9900	7200	6480	5775	5325	4795	4610	4465	4310	4200	4045	3935	3860	3750
29	10770	7825	7055	6285	5785	5225	5015	4850	4695	4565	4410	4290	4200	4080
35	11640	8465	7630	6790	6260	5645	5425	5245	5070	4940	4760	4630	4540	4410
41	12690	9225	8310	7395	6825	6150	5910	5720	5525	5380	5190	5050	4950	4805
46	14145	10285	9270	8245	7605	6855	6590	6370	6160	5995	5785	5620	5525	5355

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	46.6 in	47.6 in
TIRE WIDTH	13.7 in	14.8 in
PATTERN DEPTH	33/32 in	
PATTERN DEPTH ON TIE BAR	28/32 in	
MAX. INFLATION PRESSURE	46 psi	

STATIC LOADED RADIUS	21.2 in @ 6000 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	140.7 in @ 6000 lb / 46 psi
DYNAMIC ROLLING RADIUS	22.4 in @ 6000 lb / 46 psi
SPEED RADIUS INDEX	575
TUBE VALVE	TR218A
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
VOLUME	54 gallons 100% 41 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
205	54	154	41	126	33	64	142	190	419

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/