340/80R24 140A8/135D NOKIAN TYRES TRI 2 SB TL

Reliable performance all year round

PRODUCT CODE	T445376
EQUIVALENT SIZE	12.4R24
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Tractor
LI / SPEED SYMBOL	140A8 (135D)
RIM RECOMMENDED	DW11
RIM PERMITTED	DW10, DW12
TYPE APPROVAL	E8 106R-001621

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	5820	3680	3175	2865	2780	2690	2645	2600	2535	2470	2380	2315	2270	2205
17	7475	4730	4080	3680	3570	3460	3395	3340	3265	3175	3065	2975	2920	2835
23	9015	5710	4915	4440	4310	4165	4100	4035	3935	3825	3695	3595	3515	3415
29	9900	6260	5400	4870	4720	4575	4495	4420	4310	4200	4045	3935	3860	3750
35	10470	6625	5710	5160	5005	4840	4760	4685	4565	4440	4290	4165	4090	3970
41	11640	7365	6350	5730	5555	5380	5290	5205	5070	4940	4760	4630	4540	4410
46	12690	8025	6925	6250	6050	5865	5765	5665	5525	5380	5190	5050	4950	4805

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	5820	4235	3815	3395	3130	2820	2710	2625	2535	2470	2380	2315	2270	2205
17	7475	5435	4905	4365	4025	3625	3485	3375	3265	3175	3065	2975	2920	2835
23	9015	6560	5910	5260	4850	4375	4200	4070	3935	3825	3695	3595	3515	3415
29	9900	7200	6480	5775	5325	4795	4610	4465	4310	4200	4045	3935	3860	3750
35	10470	7615	6865	6105	5635	5080	4885	4720	4565	4440	4290	4165	4090	3970
41	11640	8465	7630	6790	6260	5645	5425	5245	5070	4940	4760	4630	4540	4410
46	12690	9225	8310	7395	6825	6150	5910	5720	5525	5380	5190	5050	4950	4805

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	45.4 in	45.9 in
TIRE WIDTH	13 in	13.8 in
PATTERN DEPTH	31/32 in	
PATTERN DEPTH ON TIE BAR	26/32 in	
MAX. INFLATION PRESSURE	46 psi	

STATIC LOADED RADIUS	20.5 in @ 5520 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	137.3 in @ 5520 lb / 46 psi
DYNAMIC ROLLING RADIUS	21.8 in @ 5520 lb / 46 psi
SPEED RADIUS INDEX	550
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
VOLUME	48 gallons 100% 36 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
180	48	135	36	111	29	56	124	167	368

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/