400/80R24 149A8/144D NOKIAN TYRES TRI 2 SB TL

Reliable performance all year round

PRODUCT CODE	T445372
EQUIVALENT SIZE	14.9R24
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Tractor
LI / SPEED SYMBOL	149A8 (144D)
RIM RECOMMENDED	DW13
RIM PERMITTED	DW12, DW14L
TYPE APPROVAL	E8 106R-001620

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	3390	2145	1850	1670	1620	1570	1540	1515	1480	1440	1390	1350	1325	1285
120	4355	2755	2375	2145	2080	2015	1980	1945	1900	1850	1780	1735	1700	1650
160	5280	3340	2880	2600	2520	2440	2400	2360	2300	2240	2160	2100	2060	2000
200	5755	3640	3140	2835	2745	2660	2615	2570	2505	2440	2355	2290	2245	2180
240	6230	3940	3400	3070	2975	2880	2830	2785	2715	2645	2550	2480	2430	2360
280	6800	4300	3710	3350	3245	3140	3090	3040	2960	2885	2780	2705	2650	2575
320	7390	4675	4030	3640	3530	3415	3360	3305	3220	3135	3025	2940	2885	2800

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	3390	2465	2225	1980	1825	1645	1580	1530	1480	1440	1390	1350	1325	1285
120	4355	3170	2855	2540	2345	2110	2030	1965	1900	1850	1780	1735	1700	1650
160	5280	3840	3460	3080	2840	2560	2460	2380	2300	2240	2160	2100	2060	2000
200	5755	4185	3770	3355	3095	2790	2680	2595	2505	2440	2355	2290	2245	2180
240	6230	4530	4085	3635	3350	3020	2905	2810	2715	2645	2550	2480	2430	2360
280	6800	4945	4455	3965	3655	3295	3165	3065	2960	2885	2780	2705	2650	2575
320	7390	5375	4845	4310	3975	3585	3445	3330	3220	3135	3025	2940	2885	2800

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1248 mm	1265 mm
TIRE WIDTH	395 mm	415 mm
PATTERN DEPTH	27 mm	
PATTERN DEPTH ON TIE BAR	23 mm	
MAX. INFLATION PRESSURE	320 kPa	

STATIC LOADED RADIUS	560 mm @ 3250 kg / 320 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3763 mm @ 3250 kg / 320 kPa
DYNAMIC ROLLING RADIUS	599 mm @ 3250 kg / 320 kPa
SPEED RADIUS INDEX	600
TUBE PRODUCT CODE	T55112
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 12-20,12-23,12-24
VOLUME	265 l 100% 199 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
265	70	199	53	163	43	83	183	246	542

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/