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, 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	7475	4730	4080	3680	3570	3460	3395	3340	3265	3175	3065	2975	2920	2835
17	9600	6075	5235	4730	4585	4440	4365	4290	4190	4080	3925	3825	3750	3640
23	11640	7365	6350	5730	5555	5380	5290	5205	5070	4940	4760	4630	4540	4410
29	12690	8025	6925	6250	6050	5865	5765	5665	5525	5380	5190	5050	4950	4805
35	13735	8685	7495	6770	6560	6350	6240	6140	5985	5830	5620	5465	5355	5205
41	14990	9480	8180	7385	7155	6925	6810	6700	6525	6360	6130	5965	5840	5675
46	16290	10305	8885	8025	7780	7530	7410	7285	7100	6910	6670	6480	6360	6175

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	7475	5435	4905	4365	4025	3625	3485	3375	3265	3175	3065	2975	2920	2835
17	9600	6990	6295	5600	5170	4650	4475	4330	4190	4080	3925	3825	3750	3640
23	11640	8465	7630	6790	6260	5645	5425	5245	5070	4940	4760	4630	4540	4410
29	12690	9225	8310	7395	6825	6150	5910	5720	5525	5380	5190	5050	4950	4805
35	13735	9985	9005	8015	7385	6660	6405	6195	5985	5830	5620	5465	5355	5205
41	14990	10900	9820	8740	8060	7265	6980	6755	6525	6360	6130	5965	5840	5675
46	16290	11850	10680	9500	8765	7905	7595	7340	7100	6910	6670	6480	6360	6175

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	49.1 in	49.8 in
TIRE WIDTH	15.6 in	16.3 in
PATTERN DEPTH	34/32 in	
PATTERN DEPTH ON TIE BAR	29/32 in	
MAX. INFLATION PRESSURE	46 psi	

STATIC LOADED RADIUS	22 in @ 7150 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	148.1 in @ 7150 lb / 46 psi
DYNAMIC ROLLING RADIUS	23.6 in @ 7150 lb / 46 psi
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	70 gallons 100% 53 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
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/