440/80R24 154A8/149D NOKIAN TYRES TRI 2 SB TL

Reliable performance all year round

PRODUCT CODE	T445385
EQUIVALENT SIZE	16.9R24
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Tractor / Wheel loader
LI / SPEED SYMBOL	154A8 (149D)
RIM RECOMMENDED	DW14L
RIM PERMITTED	DW15L
TYPE APPROVAL	E8 106R-001626

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	8730	5525	4760	4300	4165	4035	3970	3900	3805	3705	3570	3470	3405	3305
17	11055	7000	6030	5445	5280	5115	5025	4940	4815	4695	4520	4400	4310	4190
23	13380	8465	7295	6590	6395	6185	6085	5985	5830	5675	5480	5325	5225	5070
29	14990	9480	8180	7385	7155	6925	6810	6700	6525	6360	6130	5965	5840	5675
35	15860	10030	8655	7815	7575	7330	7210	7090	6910	6725	6495	6305	6185	6010
41	17460	11045	9525	8600	8335	8070	7935	7805	7605	7410	7145	6945	6810	6615
46	18915	11970	10320	9315	9030	8740	8600	8455	8245	8025	7740	7530	7385	7165

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	8730	6350	5720	5095	4695	4235	4070	3935	3805	3705	3570	3470	3405	3305
17	11055	8045	7240	6450	5950	5355	5150	4980	4815	4695	4520	4400	4310	4190
23	13380	9735	8775	7805	7200	6495	6240	6030	5830	5675	5480	5325	5225	5070
29	14990	10900	9820	8740	8060	7265	6980	6755	6525	6360	6130	5965	5840	5675
35	15860	11530	10395	9250	8530	7695	7385	7155	6910	6725	6495	6305	6185	6010
41	17460	12700	11440	10185	9390	8465	8135	7870	7605	7410	7145	6945	6810	6615
46	18915	13755	12400	11035	10175	9170	8820	8530	8245	8025	7740	7530	7385	7165

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	51.7 in	52.8 in
TIRE WIDTH	16.9 in	18.2 in
PATTERN DEPTH	35/32 in	
PATTERN DEPTH ON TIE BAR	30/32 in	
MAX. INFLATION PRESSURE	46 psi	

STATIC LOADED RADIUS	23 in @ 8250 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	155.8 in @ 8250 lb / 46 psi
DYNAMIC ROLLING RADIUS	24.8 in @ 8250 lb / 46 psi
SPEED RADIUS INDEX	625
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	86 gallons 100% 65 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
325	86	244	64	200	53	102	225	302	666

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/