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, KG

Constant load

Pressure (kPa)	Speed (km/h)													
	0	5	10	15	20	25	30	35	40	45	50	55	60	65
80	3960	2505	2160	1950	1890	1830	1800	1770	1725	1680	1620	1575	1545	1500
120	5015	3175	2735	2470	2395	2320	2280	2240	2185	2130	2050	1995	1955	1900
160	6070	3840	3310	2990	2900	2805	2760	2715	2645	2575	2485	2415	2370	2300
200	6800	4300	3710	3350	3245	3140	3090	3040	2960	2885	2780	2705	2650	2575
240	7195	4550	3925	3545	3435	3325	3270	3215	3135	3050	2945	2860	2805	2725
280	7920	5010	4320	3900	3780	3660	3600	3540	3450	3360	3240	3150	3090	3000
320	8580	5430	4680	4225	4095	3965	3900	3835	3740	3640	3510	3415	3350	3250

Cyclic load

Pressure (kPa)	Speed (km/h)													
	0	5	10	15	20	25	30	35	40	45	50	55	60	65
80	3960	2880	2595	2310	2130	1920	1845	1785	1725	1680	1620	1575	1545	1500
120	5015	3650	3285	2925	2700	2430	2335	2260	2185	2130	2050	1995	1955	1900
160	6070	4415	3980	3540	3265	2945	2830	2735	2645	2575	2485	2415	2370	2300
200	6800	4945	4455	3965	3655	3295	3165	3065	2960	2885	2780	2705	2650	2575
240	7195	5230	4715	4195	3870	3490	3350	3245	3135	3050	2945	2860	2805	2725
280	7920	5760	5190	4620	4260	3840	3690	3570	3450	3360	3240	3150	3090	3000
320	8580	6240	5625	5005	4615	4160	4000	3870	3740	3640	3510	3415	3350	3250

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1311 mm	1328 mm
TIRE WIDTH	432 mm	450 mm
PATTERN DEPTH	28 mm	
MAX. INFLATION PRESSURE	320 kPa	

STATIC LOADED RADIUS	585 mm @ 3750 kg / 320 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3958 mm @ 3750 kg / 320 kPa
DYNAMIC ROLLING RADIUS	630 mm @ 3750 kg / 320 kPa
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	325 l 100% 244 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
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/