420/65R24 151A8/146D NOKIAN TYRES TRI 2 SB TL

Reliable performance all year round

PRODUCT CODE	T445392
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Tractor / Wheel loader
LI / SPEED SYMBOL	151A8 (146D)
RIM RECOMMENDED	DW13
RIM PERMITTED	DW12, DW14, DW15L
TYPE APPROVAL	E8 106R-001630

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	2955	1870	1615	1455	1410	1365	1345	1320	1290	1255	1210	1175	1155	1120
120	3830	2420	2090	1885	1825	1770	1740	1710	1670	1625	1565	1525	1495	1450
160	4490	2840	2450	2210	2140	2075	2040	2005	1955	1905	1835	1785	1750	1700
200	5015	3175	2735	2470	2395	2320	2280	2240	2185	2130	2050	1995	1955	1900
240	5280	3340	2880	2600	2520	2440	2400	2360	2300	2240	2160	2100	2060	2000
280	5915	3740	3225	2910	2820	2735	2690	2645	2575	2510	2420	2350	2305	2240
320	6415	4060	3500	3160	3060	2965	2915	2865	2795	2720	2625	2550	2505	2430
360	7195	4550	3925	3545	3435	3325	3270	3215	3135	3050	2945	2860	2805	2725
400	7920	5010	4320	3900	3780	3660	3600	3540	3450	3360	3240	3150	3090	3000

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	2955	2150	1940	1725	1590	1435	1380	1335	1290	1255	1210	1175	1155	1120
120	3830	2785	2510	2235	2060	1855	1785	1725	1670	1625	1565	1525	1495	1450
160	4490	3265	2940	2620	2415	2175	2090	2025	1955	1905	1835	1785	1750	1700
200	5015	3650	3285	2925	2700	2430	2335	2260	2185	2130	2050	1995	1955	1900
240	5280	3840	3460	3080	2840	2560	2460	2380	2300	2240	2160	2100	2060	2000
280	5915	4300	3875	3450	3180	2865	2755	2665	2575	2510	2420	2350	2305	2240
320	6415	4665	4205	3740	3450	3110	2990	2890	2795	2720	2625	2550	2505	2430
360	7195	5230	4715	4195	3870	3490	3350	3245	3135	3050	2945	2860	2805	2725
400	7920	5760	5190	4620	4260	3840	3690	3570	3450	3360	3240	3150	3090	3000

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1155 mm	1178 mm
TIRE WIDTH	402 mm	439 mm
PATTERN DEPTH	26 mm	
PATTERN DEPTH ON TIE BAR	22 mm	
MAX. INFLATION PRESSURE	400 kPa	

STATIC LOADED RADIUS	525 mm @ 3450 kg / 400 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3493 mm @ 3450 kg / 400 kPa
DYNAMIC ROLLING RADIUS	556 mm @ 3450 kg / 400 kPa
SPEED RADIUS INDEX	550
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
VOLUME	220 l 100% 165 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
220	58	165	44	135	36	69	152	204	450

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/

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