250/80R16 119G NOKIAN TYRES TRI 2 SB TL

Reliable performance all year round

PRODUCT CODE	T845495
EQUIVALENT SIZE	7.5R16
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Tractor / Wheel loader
LI / SPEED SYMBOL	119G
RIM RECOMMENDED	8
RIM PERMITTED	W7, 7, 7J, W8, 8J, W9, 9, 9J
TYPE APPROVAL	E4 54R-0022592

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	1360	860	740	670	650	630	620	610	590	575	555	540	530	515
120	1715	1085	935	845	820	795	780	765	750	730	700	685	670	650
160	2110	1335	1150	1040	1010	975	960	945	920	895	865	840	825	800
200	2310	1460	1260	1140	1105	1070	1050	1035	1005	980	945	920	900	875
240	2510	1585	1370	1235	1195	1160	1140	1120	1095	1065	1025	1000	980	950
280	2720	1720	1485	1340	1300	1255	1235	1215	1185	1155	1110	1080	1060	1030
320	3035	1920	1655	1495	1450	1405	1380	1355	1325	1290	1240	1210	1185	1150
360	3300	2090	1800	1625	1575	1525	1500	1475	1440	1400	1350	1315	1290	1250
400	3695	2340	2015	1820	1765	1710	1680	1650	1610	1570	1510	1470	1440	1400
450	4090	2590	2230	2015	1955	1890	1860	1830	1785	1735	1675	1630	1595	1550

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	1360	990	890	795	730	660	635	615	590	575	555	540	530	515
120	1715	1250	1125	1000	925	830	800	775	750	730	700	685	670	650
160	2110	1535	1385	1230	1135	1025	985	950	920	895	865	840	825	800
200	2310	1680	1515	1350	1245	1120	1075	1040	1005	980	945	920	900	875
240	2510	1825	1645	1465	1350	1215	1170	1130	1095	1065	1025	1000	980	950
280	2720	1980	1780	1585	1465	1320	1265	1225	1185	1155	1110	1080	1060	1030
320	3035	2210	1990	1770	1635	1470	1415	1370	1325	1290	1240	1210	1185	1150
360	3300	2400	2165	1925	1775	1600	1540	1490	1440	1400	1350	1315	1290	1250
400	3695	2690	2420	2155	1990	1790	1720	1665	1610	1570	1510	1470	1440	1400
450	4090	2975	2680	2385	2200	1985	1905	1845	1785	1735	1675	1630	1595	1550

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	818 mm	822 mm
TIRE WIDTH	274 mm	276 mm
PATTERN DEPTH	17 mm	
PATTERN DEPTH ON TIE BAR	17 mm	
MAX. INFLATION PRESSURE	450 kPa	

STATIC LOADED RADIUS	377 mm @ 1360 kg / 450 kPa
DYNAMIC ROLLING CIRCUMFERENCE	2494 mm @ 1360 kg / 450 kPa
DYNAMIC ROLLING RADIUS	397 mm @ 1360 kg / 450 kPa
SPEED RADIUS INDEX	390
TUBELESS VALVE	TR413
BELT MATERIAL	Steel
MARKINGS	M+S, POR
STUDDABLE	Yes Marked stud positions on tread Number of studs 144 pcs Recommended stud 8-10 , 8-11 , 8-12 , 8-13
VOLUME	74 l 100% 56 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
74	20	56	15	46	12	23	51	69	152

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/