360/80R20 147A8/143D NOKIAN TYRES TRI 2 SB TL

Reliable performance all year round

PRODUCT CODE	T445389
EQUIVALENT SIZE	13.6R20
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Tractor / Wheel loader
LI / SPEED SYMBOL	147A8 (143D)
RIM RECOMMENDED	11
RIM PERMITTED	W11, 10, W11, 12, W12
TYPE APPROVAL	E8 106R-001628

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	2640	1670	1440	1300	1260	1220	1200	1180	1150	1120	1080	1050	1030	1000
120	3390	2145	1850	1670	1620	1570	1540	1515	1480	1440	1390	1350	1325	1285
160	4090	2590	2230	2015	1955	1890	1860	1830	1785	1735	1675	1630	1595	1550
200	4490	2840	2450	2210	2140	2075	2040	2005	1955	1905	1835	1785	1750	1700
240	4885	3090	2665	2405	2330	2255	2220	2185	2130	2070	2000	1945	1905	1850
280	5280	3340	2880	2600	2520	2440	2400	2360	2300	2240	2160	2100	2060	2000
320	5915	3740	3225	2910	2820	2735	2690	2645	2575	2510	2420	2350	2305	2240
360	6415	4060	3500	3160	3060	2965	2915	2865	2795	2720	2625	2550	2505	2430
400	7195	4550	3925	3545	3435	3325	3270	3215	3135	3050	2945	2860	2805	2725

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	2640	1920	1730	1540	1420	1280	1230	1190	1150	1120	1080	1050	1030	1000
120	3390	2465	2225	1980	1825	1645	1580	1530	1480	1440	1390	1350	1325	1285
160	4090	2975	2680	2385	2200	1985	1905	1845	1785	1735	1675	1630	1595	1550
200	4490	3265	2940	2620	2415	2175	2090	2025	1955	1905	1835	1785	1750	1700
240	4885	3550	3200	2850	2625	2370	2275	2200	2130	2070	2000	1945	1905	1850
280	5280	3840	3460	3080	2840	2560	2460	2380	2300	2240	2160	2100	2060	2000
320	5915	4300	3875	3450	3180	2865	2755	2665	2575	2510	2420	2350	2305	2240
360	6415	4665	4205	3740	3450	3110	2990	2890	2795	2720	2625	2550	2505	2430
400	7195	5230	4715	4195	3870	3490	3350	3245	3135	3050	2945	2860	2805	2725

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1095 mm	1108 mm
TIRE WIDTH	355 mm	375 mm
PATTERN DEPTH	26 mm	
PATTERN DEPTH ON TIE BAR	22 mm	
MAX. INFLATION PRESSURE	400 kPa	

STATIC LOADED RADIUS	495 mm @ 3075 kg / 400 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3286 mm @ 3075 kg / 400 kPa
DYNAMIC ROLLING RADIUS	523 mm @ 3075 kg / 400 kPa
SPEED RADIUS INDEX	500
TUBE VALVE	TR218A
TUBELESS VALVE	TR618A
BELT MATERIAL	Steel
MARKINGS	M+S
STUDDABLE	Yes Marked stud positions on tread Number of studs 144 pcs Recommended stud 12-20,12-23
VOLUME	180 l 100% 135 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
180	48	135	36	111	29	56	124	167	368

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/