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, 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	5820	3680	3175	2865	2780	2690	2645	2600	2535	2470	2380	2315	2270	2205
17	7475	4730	4080	3680	3570	3460	3395	3340	3265	3175	3065	2975	2920	2835
23	9015	5710	4915	4440	4310	4165	4100	4035	3935	3825	3695	3595	3515	3415
29	9900	6260	5400	4870	4720	4575	4495	4420	4310	4200	4045	3935	3860	3750
35	10770	6810	5875	5300	5135	4970	4895	4815	4695	4565	4410	4290	4200	4080
41	11640	7365	6350	5730	5555	5380	5290	5205	5070	4940	4760	4630	4540	4410
46	13040	8245	7110	6415	6215	6030	5930	5830	5675	5535	5335	5180	5080	4940
52	14145	8950	7715	6965	6745	6535	6425	6315	6160	5995	5785	5620	5525	5355
58	15860	10030	8655	7815	7575	7330	7210	7090	6910	6725	6495	6305	6185	6010

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	5820	4235	3815	3395	3130	2820	2710	2625	2535	2470	2380	2315	2270	2205
17	7475	5435	4905	4365	4025	3625	3485	3375	3265	3175	3065	2975	2920	2835
23	9015	6560	5910	5260	4850	4375	4200	4070	3935	3825	3695	3595	3515	3415
29	9900	7200	6480	5775	5325	4795	4610	4465	4310	4200	4045	3935	3860	3750
35	10770	7825	7055	6285	5785	5225	5015	4850	4695	4565	4410	4290	4200	4080
41	11640	8465	7630	6790	6260	5645	5425	5245	5070	4940	4760	4630	4540	4410
46	13040	9480	8545	7605	7010	6315	6075	5875	5675	5535	5335	5180	5080	4940
52	14145	10285	9270	8245	7605	6855	6590	6370	6160	5995	5785	5620	5525	5355
58	15860	11530	10395	9250	8530	7695	7385	7155	6910	6725	6495	6305	6185	6010

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	43.1 in	43.6 in
TIRE WIDTH	14 in	14.8 in
PATTERN DEPTH	33/32 in	
PATTERN DEPTH ON TIE BAR	28/32 in	
MAX. INFLATION PRESSURE	58 psi	

STATIC LOADED RADIUS	19.5 in @ 6800 lb / 58 psi
DYNAMIC ROLLING CIRCUMFERENCE	129.4 in @ 6800 lb / 58 psi
DYNAMIC ROLLING RADIUS	20.6 in @ 6800 lb / 58 psi
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	48 gallons 100% 36 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
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/