340/80R18 143A8/138D NOKIAN TYRES TRI 2 SB TL

Reliable performance all year round

PRODUCT CODE	T445391
EQUIVALENT SIZE	12.5R18
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Tractor / Wheel loader
LI / SPEED SYMBOL	143A8 (138D)
RIM RECOMMENDED	11
RIM PERMITTED	W11, 10, W10, 12, W12
TYPE APPROVAL	E8 106R-001629

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	5095	3220	2780	2515	2435	2360	2315	2280	2215	2160	2085	2030	1985	1930
17	6515	4125	3560	3210	3110	3010	2965	2910	2845	2765	2670	2590	2545	2470
23	7915	5005	4320	3900	3780	3660	3595	3540	3450	3360	3240	3155	3085	3000
29	8730	5525	4760	4300	4165	4035	3970	3900	3805	3705	3570	3470	3405	3305
35	9315	5885	5080	4585	4440	4300	4235	4165	4055	3945	3815	3705	3640	3525
41	10185	6450	5555	5015	4860	4705	4630	4555	4440	4320	4165	4055	3980	3860
46	11355	7175	6195	5590	5410	5245	5160	5070	4950	4815	4640	4520	4430	4300
52	12335	7805	6735	6075	5885	5700	5610	5510	5380	5235	5050	4905	4815	4675
58	13735	8685	7495	6770	6560	6350	6240	6140	5985	5830	5620	5465	5355	5205

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	5095	3705	3340	2975	2745	2470	2370	2295	2215	2160	2085	2030	1985	1930
17	6515	4740	4275	3805	3505	3165	3040	2945	2845	2765	2670	2590	2545	2470
23	7915	5755	5190	4620	4255	3835	3695	3570	3450	3360	3240	3155	3085	3000
29	8730	6350	5720	5095	4695	4235	4070	3935	3805	3705	3570	3470	3405	3305
35	9315	6770	6105	5435	5005	4520	4345	4200	4055	3945	3815	3705	3640	3525
41	10185	7410	6680	5940	5480	4940	4750	4595	4440	4320	4165	4055	3980	3860
46	11355	8255	7440	6625	6105	5500	5290	5115	4950	4815	4640	4520	4430	4300
52	12335	8975	8090	7200	6635	5985	5755	5565	5380	5235	5050	4905	4815	4675
58	13735	9985	9005	8015	7385	6660	6405	6195	5985	5830	5620	5465	5355	5205

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	39.4 in	40.3 in
TIRE WIDTH	13.4 in	14.2 in
PATTERN DEPTH	31/32 in	
PATTERN DEPTH ON TIE BAR	26/32 in	
MAX. INFLATION PRESSURE	58 psi	

STATIC LOADED RADIUS	17.8 in @ 6000 lb / 58 psi
DYNAMIC ROLLING CIRCUMFERENCE	118.5 in @ 6000 lb / 58 psi
DYNAMIC ROLLING RADIUS	18.9 in @ 6000 lb / 58 psi
SPEED RADIUS INDEX	475
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
VOLUME	38 gallons 100% 29 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
145	38	109	29	89	24	45	100	134	295

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/