480/65R24 151A8/146D NOKIAN TYRES TRI STEEL TL

Puncture protection for special applications



PRODUCT CODE	T445222
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Tractor / Wheel loader
LI / SPEED SYMBOL	151A8 (146D)
RIM RECOMMENDED	DW14L
RIM PERMITTED	W14L, W15L, DW15L, W16L, DW16L
TYPE APPROVAL	E8 106R-001651

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	7915	5005	4320	3900	3780	3660	3595	3540	3450	3360	3240	3155	3085	3000
17	10185	6450	5555	5015	4860	4705	4630	4555	4440	4320	4165	4055	3980	3860
23	11995	7585	6535	5910	5720	5545	5445	5355	5225	5080	4905	4775	4675	4540
29	13380	8465	7295	6590	6395	6185	6085	5985	5830	5675	5480	5325	5225	5070
35	14550	9205	7935	7165	6945	6725	6615	6505	6340	6175	5950	5785	5675	5510
41	15860	10030	8655	7815	7575	7330	7210	7090	6910	6725	6495	6305	6185	6010
46	17460	11045	9525	8600	8335	8070	7935	7805	7605	7410	7145	6945	6810	6615

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	7915	5755	5190	4620	4255	3835	3695	3570	3450	3360	3240	3155	3085	3000
17	10185	7410	6680	5940	5480	4940	4750	4595	4440	4320	4165	4055	3980	3860
23	11995	8720	7860	6990	6450	5810	5590	5400	5225	5080	4905	4775	4675	4540
29	13380	9735	8775	7805	7200	6495	6240	6030	5830	5675	5480	5325	5225	5070
35	14550	10580	9535	8490	7825	7055	6780	6560	6340	6175	5950	5785	5675	5510
41	15860	11530	10395	9250	8530	7695	7385	7155	6910	6725	6495	6305	6185	6010
46	17460	12700	11440	10185	9390	8465	8135	7870	7605	7410	7145	6945	6810	6615

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	48.7 in	49.5 in
TIRE WIDTH	18.4 in	19.8 in
PATTERN DEPTH	35/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	46 psi	

STATIC LOADED RADIUS	22.2 in @ 7600 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	147.2 in @ 7600 lb / 46 psi
DYNAMIC ROLLING RADIUS	23.4 in @ 7600 lb / 46 psi
SPEED RADIUS INDEX	600
TUBE VALVE	TR218A
TUBELESS VALVE	TR618A
BELT MATERIAL	Steel
VOLUME	88 gallons 100% 66 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
335	88	251	66	206	54	105	232	311	686

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/