

# 420/65R24 151A8/146D NOKIAN TYRES HAKKAPELIITTA TRI SB TL

Precise control and great efficiency

PRODUCT CODE	T445586
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Wheel loader / Tractor
LI / SPEED SYMBOL	151A8 (146D)
RIM RECOMMENDED	DW13
RIM PERMITTED	DW12, DW14L, DW15L
TYPE APPROVAL	E8 106R-001564



## LOAD CAPACITY FOR WHEEL LOADER, LB

### Constant load

Pressure (psi)	Speed (mph)													
	0	2.5	5	10	12	15	17.5	22.5	25	27.5	30	35	37.5	40
12	6515	4125	3560	3210	3110	3010	2965	2910	2845	2765	2670	2590	2545	2470
17	8445	5335	4610	4155	4025	3900	3835	3770	3680	3585	3450	3360	3295	3195
23	9900	6260	5400	4870	4720	4575	4495	4420	4310	4200	4045	3935	3860	3750
29	11055	7000	6030	5445	5280	5115	5025	4940	4815	4695	4520	4400	4310	4190
35	11640	7365	6350	5730	5555	5380	5290	5205	5070	4940	4760	4630	4540	4410
41	13040	8245	7110	6415	6215	6030	5930	5830	5675	5535	5335	5180	5080	4940
46	14145	8950	7715	6965	6745	6535	6425	6315	6160	5995	5785	5620	5525	5355
52	15860	10030	8655	7815	7575	7330	7210	7090	6910	6725	6495	6305	6185	6010
58	17460	11045	9525	8600	8335	8070	7935	7805	7605	7410	7145	6945	6810	6615

**Cyclic load**

Pressure (psi)	Speed (mph)													
	0	2.5	5	10	12	15	17.5	22.5	25	27.5	30	35	37.5	40
12	6515	4740	4275	3805	3505	3165	3040	2945	2845	2765	2670	2590	2545	2470
17	8445	6140	5535	4925	4540	4090	3935	3805	3680	3585	3450	3360	3295	3195
23	9900	7200	6480	5775	5325	4795	4610	4465	4310	4200	4045	3935	3860	3750
29	11055	8045	7240	6450	5950	5355	5150	4980	4815	4695	4520	4400	4310	4190
35	11640	8465	7630	6790	6260	5645	5425	5245	5070	4940	4760	4630	4540	4410
41	13040	9480	8545	7605	7010	6315	6075	5875	5675	5535	5335	5180	5080	4940
46	14145	10285	9270	8245	7605	6855	6590	6370	6160	5995	5785	5620	5525	5355
52	15860	11530	10395	9250	8530	7695	7385	7155	6910	6725	6495	6305	6185	6010
58	17460	12700	11440	10185	9390	8465	8135	7870	7605	7410	7145	6945	6810	6615

**TIRE DIMENSIONS**

	New tire	Max. in service
OVERALL DIAMETER	45.6 in	46.4 in
TIRE WIDTH	15.8 in	17.3 in
PATTERN DEPTH	31/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	58 psi	

STATIC LOADED RADIUS	20.5 in @ 7600 lb / 58 psi
DYNAMIC ROLLING CIRCUMFERENCE	137.3 in @ 7600 lb / 58 psi
DYNAMIC ROLLING RADIUS	21.8 in @ 7600 lb / 58 psi
SPEED RADIUS INDEX	550
TUBE PRODUCT CODE	T55112
TUBELESS VALVE	TR618A
BELT MATERIAL	Steel
MARKINGS	M+S
STUDDABLE	Yes Marked stud positions on tread Number of studs 168 pcs Recommended stud 9-15
VOLUME	58 gallons 100% 44 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
220	58	165	44	135	36	69	152	204	450

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/](http://www.nokiantyres.com/heavy/technical-tire-manual/)