460/70R24 166A8/161D NOKIAN TYRES HAKKAPELIITTA TRI SB TL

Precise control and great efficiency



PRODUCT CODE	T445669
EQUIVALENT SIZE	17.5LR24
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Wheel loader / Tractor
LI / SPEED SYMBOL	166A8 (161D)
RIM RECOMMENDED	DW14L
RIM PERMITTED	DW15L
TYPE APPROVAL	E8 106R-001574

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	8145	5160	4440	4010	3890	3770	3705	3640	3550	3460	3330	3240	3175	3085
17	10470	6625	5710	5160	5005	4840	4760	4685	4565	4440	4290	4165	4090	3970
23	12690	8025	6925	6250	6050	5865	5765	5665	5525	5380	5190	5050	4950	4805
29	14145	8950	7715	6965	6745	6535	6425	6315	6160	5995	5785	5620	5525	5355
35	14990	9480	8180	7385	7155	6925	6810	6700	6525	6360	6130	5965	5840	5675
41	16290	10305	8885	8025	7780	7530	7410	7285	7100	6910	6670	6480	6360	6175
46	18330	11595	10000	9030	8750	8475	8335	8190	7990	7780	7495	7295	7155	6945
52	20085	12700	10955	9890	9580	9280	9125	8975	8750	8520	8210	7990	7835	7605
58	21825	13810	11905	10750	10415	10085	9920	9755	9515	9260	8930	8685	8520	8265
65	24735	15655	13490	12180	11805	11430	11245	11055	10780	10495	10120	9845	9655	9370
73	26920	17030	14685	13260	12855	12445	12235	12035	11730	11420	11010	10705	10505	10195

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	8145	5930	5335	4750	4385	3945	3790	3670	3550	3460	3330	3240	3175	3085
17	10470	7615	6865	6105	5635	5080	4885	4720	4565	4440	4290	4165	4090	3970
23	12690	9225	8310	7395	6825	6150	5910	5720	5525	5380	5190	5050	4950	4805
29	14145	10285	9270	8245	7605	6855	6590	6370	6160	5995	5785	5620	5525	5355
35	14990	10900	9820	8740	8060	7265	6980	6755	6525	6360	6130	5965	5840	5675
41	16290	11850	10680	9500	8765	7905	7595	7340	7100	6910	6670	6480	6360	6175
46	18330	13340	12015	10690	9865	8885	8545	8265	7990	7780	7495	7295	7155	6945
52	20085	14605	13160	11720	10805	9735	9360	9050	8750	8520	8210	7990	7835	7605
58	21825	15875	14310	12730	11740	10580	10175	9845	9515	9260	8930	8685	8520	8265
65	24735	17990	16215	14430	13305	11995	11530	11155	10780	10495	10120	9845	9655	9370
73	26920	19575	17635	15710	14485	13050	12545	12135	11730	11420	11010	10705	10505	10195

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	49.4 in	50.4 in
TIRE WIDTH	18.1 in	18.8 in
PATTERN DEPTH	38/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	73 psi	

STATIC LOADED RADIUS	21.9 in @ 11700 lb / 73 psi
DYNAMIC ROLLING CIRCUMFERENCE	149.3 in @ 11700 lb / 73 psi
DYNAMIC ROLLING RADIUS	23.8 in @ 11700 lb / 73 psi
SPEED RADIUS INDEX	600
TUBE PRODUCT CODE	T55112
TUBELESS VALVE	TR618A
BELT MATERIAL	Steel
MARKINGS	M+S
STUDDABLE	Yes Marked stud positions on tread Number of studs 144 pcs Recommended stud 12-20,12-23,12-24
VOLUME	77 gallons 100% 58 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
290	77	218	57	178	47	91	201	269	593

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/