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

Precise control and great efficiency

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

LOAD CAPACITY FOR TRACTOR, KG

Constant load

Pressure (kPa)	**Speed** (km/h)													
	0	**5**	**10**	**15**	**20**	**25**	**30**	**35**	**40**	**45**	**50**	**55**	**60**	**65**
80	3695	2340	2015	1820	1765	1710	1680	1650	1610	1570	1510	1470	1440	1400
120	4750	3005	2590	2340	2270	2195	2160	2125	2070	2015	1945	1890	1855	1800
160	5755	3640	3140	2835	2745	2660	2615	2570	2505	2440	2355	2290	2245	2180
200	6415	4060	3500	3160	3060	2965	2915	2865	2795	2720	2625	2550	2505	2430
240	6800	4300	3710	3350	3245	3140	3090	3040	2960	2885	2780	2705	2650	2575
280	7390	4675	4030	3640	3530	3415	3360	3305	3220	3135	3025	2940	2885	2800
320	8315	5260	4535	4095	3970	3845	3780	3715	3625	3530	3400	3310	3245	3150
360	9110	5760	4970	4485	4345	4210	4140	4070	3970	3865	3725	3625	3555	3450
400	9900	6265	5400	4875	4725	4575	4500	4425	4315	4200	4050	3940	3865	3750
450	11220	7100	6120	5525	5355	5185	5100	5015	4890	4760	4590	4465	4380	4250
500	12210	7725	6660	6015	5830	5645	5550	5460	5320	5180	4995	4855	4765	4625

Cyclic load

Pressure (kPa)	Speed (km/h)													
	0	5	10	15	20	25	30	35	40	45	50	55	60	65
80	3695	2690	2420	2155	1990	1790	1720	1665	1610	1570	1510	1470	1440	1400
120	4750	3455	3115	2770	2555	2305	2215	2140	2070	2015	1945	1890	1855	1800
160	5755	4185	3770	3355	3095	2790	2680	2595	2505	2440	2355	2290	2245	2180
200	6415	4665	4205	3740	3450	3110	2990	2890	2795	2720	2625	2550	2505	2430
240	6800	4945	4455	3965	3655	3295	3165	3065	2960	2885	2780	2705	2650	2575
280	7390	5375	4845	4310	3975	3585	3445	3330	3220	3135	3025	2940	2885	2800
320	8315	6050	5450	4850	4475	4030	3875	3750	3625	3530	3400	3310	3245	3150
360	9110	6625	5970	5315	4900	4415	4245	4105	3970	3865	3725	3625	3555	3450
400	9900	7200	6490	5775	5325	4800	4615	4465	4315	4200	4050	3940	3865	3750
450	11220	8160	7355	6545	6035	5440	5230	5060	4890	4760	4590	4465	4380	4250
500	12210	8880	8000	7125	6570	5920	5690	5505	5320	5180	4995	4855	4765	4625

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1255 mm	1280 mm
TIRE WIDTH	460 mm	478 mm
PATTERN DEPTH	30 mm	
MAX. INFLATION PRESSURE	500 kPa	

STATIC LOADED RADIUS	557 mm @ 5300 kg / 500 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3792 mm @ 5300 kg / 500 kPa
DYNAMIC ROLLING RADIUS	604 mm @ 5300 kg / 500 kPa
SPEED RADIUS INDEX	600
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	290 l 100% 218 l 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/