

# 400/60R18 148A8/143D NOKIAN TYRES HAKKAPOLIITTA TRI TL

Precise control and great efficiency

PRODUCT CODE	T445667
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Tractor / Wheel loader
LI / SPEED SYMBOL	148A8 (143D)
RIM RECOMMENDED	13
TYPE APPROVAL	E8 106R-001573



## 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	2180	1380	1190	1075	1040	1005	990	975	950	925	890	865	850	825
120	2800	1770	1525	1380	1335	1295	1270	1250	1220	1185	1145	1115	1090	1060
160	3390	2145	1850	1670	1620	1570	1540	1515	1480	1440	1390	1350	1325	1285
200	3695	2340	2015	1820	1765	1710	1680	1650	1610	1570	1510	1470	1440	1400
240	4090	2590	2230	2015	1955	1890	1860	1830	1785	1735	1675	1630	1595	1550
280	4490	2840	2450	2210	2140	2075	2040	2005	1955	1905	1835	1785	1750	1700
320	4885	3090	2665	2405	2330	2255	2220	2185	2130	2070	2000	1945	1905	1850
360	5440	3440	2965	2680	2595	2515	2470	2430	2370	2305	2225	2165	2120	2060
400	5915	3740	3225	2910	2820	2735	2690	2645	2575	2510	2420	2350	2305	2240

**Cyclic load**

Pressure (kPa)	Speed (km/h)													
	0	5	10	15	20	25	30	35	40	45	50	55	60	65
80	2180	1585	1425	1270	1170	1055	1015	980	950	925	890	865	850	825
120	2800	2035	1835	1630	1505	1355	1305	1260	1220	1185	1145	1115	1090	1060
160	3390	2465	2225	1980	1825	1645	1580	1530	1480	1440	1390	1350	1325	1285
200	3695	2690	2420	2155	1990	1790	1720	1665	1610	1570	1510	1470	1440	1400
240	4090	2975	2680	2385	2200	1985	1905	1845	1785	1735	1675	1630	1595	1550
280	4490	3265	2940	2620	2415	2175	2090	2025	1955	1905	1835	1785	1750	1700
320	4885	3550	3200	2850	2625	2370	2275	2200	2130	2070	2000	1945	1905	1850
360	5440	3955	3565	3170	2925	2635	2535	2450	2370	2305	2225	2165	2120	2060
400	5915	4300	3875	3450	3180	2865	2755	2665	2575	2510	2420	2350	2305	2240

**TIRE DIMENSIONS**

	New tire	Max. in service
OVERALL DIAMETER	950 mm	970 mm
TIRE WIDTH	400 mm	424 mm
PATTERN DEPTH	26 mm	
MAX. INFLATION PRESSURE	500 kPa	

STATIC LOADED RADIUS	427 mm @ 3150 kg / 500 kPa
DYNAMIC ROLLING CIRCUMFERENCE	2870 mm @ 3150 kg / 500 kPa
DYNAMIC ROLLING RADIUS	457 mm @ 3150 kg / 500 kPa
SPEED RADIUS INDEX	450
TUBELESS VALVE	TR618A
BELT MATERIAL	Steel
MARKINGS	M+S
STUDDABLE	Yes Marked stud positions on tread Number of studs 120 pcs Recommended stud 9-15
VOLUME	145 l 100% 109 l 75%

**WATER AND SALT BALLASTING**

(CaCl<sub>2</sub>, 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.

Tyre have 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/)