

540/70R30 159D NOKIAN TYRES TRACTOR KING SB TL

Revolutionary from surface to core

PRODUCT CODE	T445677
TIRE CLASSIFICATION CODE	R-1W
APPLICATION	Tractor
LI / SPEED SYMBOL	159D
RIM RECOMMENDED	DW18L
RIM PERMITTED	DW16L
TYPE APPROVAL	E8 106R-001177



LOAD CAPACITY FOR TRACTOR, LB

Tractor

Pressure (psi)	Speed (mph)												
	2.5	5	10	12	15	17.5	22.5	25	27.5	30	35	37.5	40
12	7495	6615	5910	5425	5225	5070	4940	4830	4720	4630	4540	4475	4410
17	9655	8520	7605	6980	6725	6525	6360	6215	6075	5965	5840	5765	5675
23	11805	10415	9305	8545	8235	7990	7780	7605	7430	7295	7155	7045	6945
29	12930	11410	10195	9360	9015	8750	8520	8335	8135	7990	7835	7715	7605
35	13680	12070	10780	9900	9535	9260	9015	8805	8610	8455	8290	8170	8045
41	14990	13230	11815	10845	10450	10140	9875	9655	9435	9260	9085	8950	8820
46	16400	14475	12930	11860	11430	11090	10805	10560	10320	10130	9930	9790	9645

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	59.3 in	60.9 in
TIRE WIDTH	21.4 in	22.3 in
PATTERN DEPTH	63/32 in	
MAX. INFLATION PRESSURE	58 psi	

STATIC LOADED RADIUS	27.3 in @ 9650 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	178.7 in @ 9650 lb / 46 psi
DYNAMIC ROLLING RADIUS	28.4 in @ 9650 lb / 46 psi
SPEED RADIUS INDEX	725
TUBELESS VALVE	TR618A
BELT MATERIAL	Steel
STUDDABLE	Yes Marked stud positions on tread Number of studs 152 pcs
VOLUME	127 gallons 100% 95 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
482	127	362	95	297	78	151	333	448	988

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/