

540/65R28 154D/151E NOKIAN TYRES GROUND KING SB TL

A crossover tire for mixed agricultural work

PRODUCT CODE	T445737
TIRE CLASSIFICATION CODE	R-1W
APPLICATION	Tractor
LI / SPEED SYMBOL	154D (151E)
RIM RECOMMENDED	DW18L
RIM PERMITTED	DW16L
TYPE APPROVAL	E8 106R-001806



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	42.5
12	6560	5785	5170	4750	4575	4440	4320	4220	4135	4055	3980	3915	3860	3515
17	8400	7410	6615	6075	5855	5675	5535	5410	5280	5180	5080	5015	4940	4495
23	9930	8765	7825	7185	6925	6725	6550	6395	6250	6140	6020	5930	5840	5315
29	11245	9920	8865	8135	7835	7605	7410	7240	7075	6945	6810	6715	6615	6020
35	12180	10750	9600	8820	8490	8245	8025	7850	7670	7530	7385	7275	7165	6525
41	13305	11740	10485	9625	9270	9005	8765	8565	8380	8225	8060	7950	7825	7120
46	14055	12400	11080	10175	9800	9515	9260	9050	8850	8685	8520	8390	8265	7530

Increase the inflation pressure by 40 kPa (0,4 bar , 7 psi) for : Extensive road driving and use on slopes with inclination more than 20%. Do not exceed maximum pressure. In dual formation the load capacity is 0,88 x single tire load capacity per tire. For high torque field application use 30km/h line.

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	55.2 in	56.7 in
TIRE WIDTH	21.1 in	22.3 in
PATTERN DEPTH	63/32 in	
MAX. INFLATION PRESSURE	46 psi	

STATIC LOADED RADIUS	25.1 in @ 8250 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	167.1 in @ 8250 lb / 46 psi
DYNAMIC ROLLING RADIUS	26.6 in @ 8250 lb / 46 psi
SPEED RADIUS INDEX	675
TUBELESS VALVE	TR618A
BELT MATERIAL	Steel
MARKINGS	M+S
STUDDABLE	Yes Marked stud positions on tread Number of studs 144 pcs Recommended stud 12-20,12-23-12-24,16-19
VOLUME	104 gallons 100% 78 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
393	104	295	78	242	64	123	272	365	805

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/