

# VF540/65R28 157D/154E NOKIAN TYRES SOIL KING VF SB TL

Next level efficiency for high-power tractors in farming

PRODUCT CODE	T445885
TIRE CLASSIFICATION CODE	R-1W
APPLICATION	Tractor
LI / SPEED SYMBOL	157D (154E)
RIM RECOMMENDED	DW20B
RIM PERMITTED	DW18L, DW16L
TYPE APPROVAL	E4 106R-006641



## LOAD CAPACITY FOR TRACTOR, KG

Pressure (kPa)	Speed (km/h)													
	0	5	10 LT	15	20	25	30 10 HT	35	40	50	55	60	65	70
60	4875	2630	2330	2225	2205	2185	2160	2140	2120	2120	2120	2120	2120	1930
80	5590	3015	2675	2550	2525	2505	2480	2455	2430	2430	2430	2430	2430	2210
100	6440	3470	3080	2940	2910	2885	2855	2830	2800	2800	2800	2800	2800	2550
120	7245	3905	3465	3310	3275	3245	3215	3180	3150	3150	3150	3150	3150	2865
140	7935	4280	3795	3625	3590	3555	3520	3485	3450	3450	3450	3450	3450	3140
160	8625	4650	4125	3940	3900	3865	3825	3790	3750	3750	3750	3750	3750	3415
180	9200	4960	4400	4200	4160	4120	4080	4040	4000	4000	4000	4000	4000	3640
200-280	9490	5115	4540	4330	4290	4250	4210	4165	4125	4125	4125	4125	4125	3755

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. 60kPa (0,6 bar , 9 psi) low torque application only.

## TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1421 mm	1441 mm
TIRE WIDTH	558 mm	576 mm
PATTERN DEPTH	55 mm	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	280 kPa	

STATIC LOADED RADIUS	636 mm @ 4125 kg / 200 kPa
DYNAMIC ROLLING CIRCUMFERENCE	4234 mm @ 4125 kg / 200 kPa
DYNAMIC ROLLING RADIUS	674 mm @ 4125 kg / 200 kPa
SPEED RADIUS INDEX	675
TUBELESS VALVE	TR618A
BELT MATERIAL	Steel
STUDDABLE	Yes Marked stud positions on tread Number of studs 114 pcs Recommended stud 12-20,12-23-12-24,16-19
VOLUME	420 l 100% 315 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
420	111	315	83	258	68	132	290	390	860

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/](http://www.nokiantyres.com/heavy/technical-tire-manual/)