

# 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, LB

Pressure (psi)	Speed (mph)													
	0	2.5	5 LT	10	12	15	17.5 5 HT	22.5	25	30	35	37.5	40	42.5
9	10750	5800	5135	4905	4860	4815	4760	4720	4675	4675	4675	4675	4675	4255
12	12325	6645	5895	5620	5565	5525	5465	5410	5355	5355	5355	5355	5355	4870
15	14200	7650	6790	6480	6415	6360	6295	6240	6175	6175	6175	6175	6175	5620
17	15975	8610	7640	7295	7220	7155	7090	7010	6945	6945	6945	6945	6945	6315
20	17495	9435	8365	7990	7915	7835	7760	7685	7605	7605	7605	7605	7605	6925
23	19015	10250	9095	8685	8600	8520	8435	8355	8265	8265	8265	8265	8265	7530
26	20285	10935	9700	9260	9170	9085	8995	8905	8820	8820	8820	8820	8820	8025
29-41	20920	11275	10010	9545	9460	9370	9280	9180	9095	9095	9095	9095	9095	8280

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	55.9 in	56.7 in
TIRE WIDTH	22 in	22.7 in
PATTERN DEPTH	69/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	41 psi	

STATIC LOADED RADIUS	25 in @ 9100 lb / 29 psi
DYNAMIC ROLLING CIRCUMFERENCE	166.7 in @ 9100 lb / 29 psi
DYNAMIC ROLLING RADIUS	26.5 in @ 9100 lb / 29 psi
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	111 gallons 100% 83 gallons 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/)