

# VF710/75R42 184D/181E NOKIAN TYRES SOIL KING VF SB TL

Next level efficiency for high-power tractors in farming

PRODUCT CODE	T445759
TIRE CLASSIFICATION CODE	R-1W
APPLICATION	Tractor
LI / SPEED SYMBOL	184D (181E)
RIM RECOMMENDED	DW25B
RIM PERMITTED	DW23B, DW24B
TYPE APPROVAL	E4 106R-006055



## 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	22820	12300	10915	10415	10320	10220	10120	10020	9920	9920	9920	9920	9920	9920	9030
12	26875	14485	12855	12270	12145	12035	11915	11805	11685	11685	11685	11685	11685	11685	10635
15	30425	16400	14550	13890	13755	13625	13490	13360	13230	13230	13230	13230	13230	13230	12035
17	33975	18320	16250	15510	15365	15210	15070	14915	14770	14770	14770	14770	14770	14770	13435
20	38030	20505	18190	17360	17195	17030	16865	16700	16535	16535	16535	16535	16535	16535	15045
23	41835	22555	20005	19105	18915	18740	18550	18375	18190	18190	18190	18190	18190	18190	16555
26	44370	23920	21220	20260	20060	19875	19675	19490	19290	19290	19290	19290	19290	19290	17560
29-41	45635	24605	21825	20835	20635	20435	20240	20040	19840	19840	19840	19840	19840	19840	18055

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	84.6 in	85.6 in
TIRE WIDTH	28.6 in	29.5 in
PATTERN DEPTH	83/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	41 psi	

STATIC LOADED RADIUS	37.1 in @ 19800 lb / 29 psi
DYNAMIC ROLLING CIRCUMFERENCE	253.9 in @ 19800 lb / 29 psi
DYNAMIC ROLLING RADIUS	40.4 in @ 19800 lb / 29 psi
SPEED RADIUS INDEX	1000
TUBELESS VALVE	TR618A
BELT MATERIAL	Steel
STUDDABLE	Yes Marked stud positions on tread Number of studs 126 pcs Recommended stud 12-20,12-23-12-24,16-19
VOLUME	354 gallons 100% 266 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
1340	354	1005	265	825	218	420	927	1245	2745

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/)