520/85-38 16 164A8/160B NOKIAN TYRES TR FOREST 2 TL

Forest-proven strength and stability for light and medium weight forestry tractors



PRODUCT CODE	T445787
EQUIVALENT SIZE	20.8-38
TIRE CLASSIFICATION CODE	R-1
APPLICATION	Tractor
LI / SPEED SYMBOL	164A8 (160B)
PLY RATING	16
RIM RECOMMENDED	DW18L
RIM PERMITTED	DW16L
TYPE APPROVAL	E8 106R-002094

LOAD CAPACITY FOR TRACTOR, KG

Tractor

Pressure (kPa)	**Speed** (km/h)										
	0	**5**	**10 LT**	**15**	**20**	**25**	**30 10 HT**	**35**	**40**	**45**	**50**
120	7245	5355	4725	4220	3875	3495	3370	3245	3150	3025	2865
160	8915	6590	5815	5195	4765	4300	4145	3990	3875	3720	3525
200	9775	7225	6375	5695	5230	4720	4550	4380	4250	4080	3870
240	10350	7650	6750	6030	5535	4995	4815	4635	4500	4320	4095
280	11500	8500	7500	6700	6150	5550	5350	5150	5000	4800	4550

TIRE DIMENSIONS

	New tire	**Max. in service**
OVERALL DIAMETER	1832 mm	1911 mm
TIRE WIDTH	536 mm	557 mm
PATTERN DEPTH	54 mm	
PATTERN DEPTH ON TIE BAR	54 mm	
MAX. INFLATION PRESSURE	280 kPa	

STATIC LOADED RADIUS	817 mm @ 5000 kg / 280 kPa
DYNAMIC ROLLING CIRCUMFERENCE	5524 mm @ 5000 kg / 280 kPa
DYNAMIC ROLLING RADIUS	879 mm @ 5000 kg / 280 kPa
SPEED RADIUS INDEX	875
TUBELESS VALVE	TR618A
BREAKER MATERIAL	Textile
STUDDABLE	Yes Number of studs 126 pcs
VOLUME	635 l 100% 476 l 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
635	168	477	126	391	103	199	440	590	1301

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/**