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, LB

Tractor

Pressure (psi)	Speed (mph)										
	0	2.5	5 LT	10	12	15	17.5 5 HT	22.5	25	27.5	30
17	15975	11805	10415	9305	8545	7705	7430	7155	6945	6670	6315
23	19655	14530	12820	11455	10505	9480	9140	8795	8545	8200	7770
29	21550	15930	14055	12555	11530	10405	10030	9655	9370	8995	8530
35	22820	16865	14880	13295	12205	11010	10615	10220	9920	9525	9030
41	25355	18740	16535	14770	13560	12235	11795	11355	11025	10580	10030

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	72.1 in	75.2 in
TIRE WIDTH	21.1 in	21.9 in
PATTERN DEPTH	68/32 in	
PATTERN DEPTH ON TIE BAR	68/32 in	
MAX. INFLATION PRESSURE	41 psi	

STATIC LOADED RADIUS	32.2 in @ 11000 lb / 41 psi
DYNAMIC ROLLING CIRCUMFERENCE	217.5 in @ 11000 lb / 41 psi
DYNAMIC ROLLING RADIUS	34.6 in @ 11000 lb / 41 psi
SPEED RADIUS INDEX	875
TUBELESS VALVE	TR618A
BREAKER MATERIAL	Textile
STUDDABLE	Yes Number of studs 126 pcs
VOLUME	168 gallons 100% 126 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
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/**