420/85-38 16 152A8/149B NOKIAN TYRES TR FOREST 2 TL

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



PRODUCT CODE	T445793
EQUIVALENT SIZE	16.9-38
TIRE CLASSIFICATION CODE	R-1
APPLICATION	Tractor
LI / SPEED SYMBOL	152A8 (149B)
PLY RATING	16
RIM RECOMMENDED	DW15L
RIM PERMITTED	DW14L, DW13L, DW13
TYPE APPROVAL	E8 106R-002098

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	5290	3910	3450	3080	2830	2555	2460	2370	2300	2210	2095
160	6440	4760	4200	3750	3445	3110	2995	2885	2800	2690	2550
200	7075	5230	4615	4120	3780	3415	3290	3165	3075	2950	2800
240	7475	5525	4875	4355	4000	3610	3480	3350	3250	3120	2960
280	8165	6035	5325	4755	4365	3940	3800	3655	3550	3410	3230

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1673 mm	1729 mm
TIRE WIDTH	431 mm	451 mm
PATTERN DEPTH	50 mm	
PATTERN DEPTH ON TIE BAR	50 mm	
MAX. INFLATION PRESSURE	280 kPa	

STATIC LOADED RADIUS	759 mm @ 3550 kg / 280 kPa
DYNAMIC ROLLING CIRCUMFERENCE	5081 mm @ 3550 kg / 280 kPa
DYNAMIC ROLLING RADIUS	809 mm @ 3550 kg / 280 kPa
SPEED RADIUS INDEX	800
TUBELESS VALVE	TR618A
BREAKER MATERIAL	Textile
STUDDABLE	Yes Number of studs 126 pcs
VOLUME	384 l 100% 288 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
384	101	288	76	236	62	121	266	357	787

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/**