600/50-22.5 LS 20 159A8/167A2 NOKIAN TYRES FOREST KING TRS 3 SF TT

Traction tire for harvesters and forwarders



PRODUCT CODE	T445889
TIRE CLASSIFICATION CODE	LS-2
APPLICATION	Forwarder and Harvester
LI / SPEED SYMBOL	159A8 (167A2)
PLY RATING	20
RIM RECOMMENDED	AG20.00
TYPE APPROVAL	E4 106R-007054

LOAD CAPACITY FOR FORWARDER AND HARVESTER, LB

Forestry service (LT)

Pressure (psi)	**Speed** (mph)
	5
23	6010
29	6780
35	7385
41	8265
46	8820
52	9645
58	10470
65	11025
73	12015

Road

Pressure (psi)	**Speed** (mph)		
	12	**17.5**	**25**
23	6075	5280	4940
29	6780	5895	5510
35	7385	6425	6010
41	8335	7255	6780
46	8820	7670	7165
52	9625	8380	7825
58	10505	9140	8545
65	11190	9735	9095
73	11860	10320	9645

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	46.1 in	47.8 in
TIRE WIDTH	23.8 in	25.1 in
PATTERN DEPTH	53/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	80 psi	

STATIC LOADED RADIUS	21.2 in @ 9650 lb / 73 psi
STATIC LOADED RADIUS	20.9 in @ 12000 lb / 73 psi
DYNAMIC ROLLING CIRCUMFERENCE	140.4 in @ 9650 lb / 73 psi
DYNAMIC ROLLING CIRCUMFERENCE	139.9 in @ 12000 lb / 73 psi
DYNAMIC ROLLING RADIUS	22.3 in @ 9650 lb / 73 psi
DYNAMIC ROLLING RADIUS	22.3 in @ 12000 lb / 73 psi
TUBE PRODUCT CODE	T55089
TUBE VALVE	TR218A
BREAKER MATERIAL	Steel
VOLUME	77 gallons 100% 58 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
290	77	218	57	178	47	91	201	269	593

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/