

600/40-22.5 24 167A8 NOKIAN TYRES GROUND KARE SF TL

Excavator and backhoe loader tire for versatile contracting work

PRODUCT CODE	T445828
APPLICATION	Wheeled excavator
LI / SPEED SYMBOL	167A8
PLY RATING	24
	AG20.00
RIM RECOMMENDED	Always make sure that rim is suitable for intended use. Please see Nokian Tyres rim recommendations.
TYPE APPROVAL	E8 106R-002362



LOAD CAPACITY FOR WHEELED EXCAVATOR, KG

Constant load

Pressure (kPa)	Speed (km/h)										
	0	5	10	15	20	25	30	35	40	45	50
360	7935	5005	4315	3900	3760	3655	3590	3520	3450	3310	3140
400	8625	5440	4690	4240	4090	3975	3900	3825	3750	3600	3415
450	9490	5980	5155	4660	4495	4375	4290	4210	4125	3960	3755
500	10640	6705	5780	5225	5040	4905	4810	4720	4625	4440	4210
550	11500	7250	6250	5650	5450	5300	5200	5100	5000	4800	4550
600	12535	7905	6815	6160	5940	5775	5670	5560	5450	5230	4960

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1063 mm	1085 mm
TIRE WIDTH	585 mm	638 mm
PATTERN DEPTH	25 mm	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	600 kPa	

STATIC LOADED RADIUS	484 mm @ 5450 kg / 600 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3206 mm @ 5450 kg / 600 kPa
DYNAMIC ROLLING RADIUS	510 mm @ 5450 kg / 600 kPa
SPEED RADIUS INDEX	500
TUBE PRODUCT CODE	T55089
TUBE VALVE	TR218A
TUBELESS VALVE	TR618A
BREAKER MATERIAL	Steel
STUDDABLE	Yes
VOLUME	230 l 100% 173 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
230	61	173	46	142	37	72	159	214	472

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/