

# 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
RIM RECOMMENDED	AG20.00 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, LB

### Constant load

Pressure (psi)	Speed (mph)										
	0	2.5	5	10	12	15	17.5	22.5	25	27.5	30
52	17495	11035	9515	8600	8290	8060	7915	7760	7605	7295	6925
58	19015	11995	10340	9350	9015	8765	8600	8435	8265	7935	7530
65	20920	13185	11365	10275	9910	9645	9460	9280	9095	8730	8280
73	23455	14780	12745	11520	11110	10815	10605	10405	10195	9790	9280
80	25355	15985	13780	12455	12015	11685	11465	11245	11025	10580	10030
87	27635	17430	15025	13580	13095	12730	12500	12260	12015	11530	10935

## TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	41.9 in	42.7 in
TIRE WIDTH	23 in	25.1 in
PATTERN DEPTH	31/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	87 psi	

STATIC LOADED RADIUS	19.1 in @ 12000 lb / 87 psi
DYNAMIC ROLLING CIRCUMFERENCE	126.2 in @ 12000 lb / 87 psi
DYNAMIC ROLLING RADIUS	20.1 in @ 12000 lb / 87 psi
SPEED RADIUS INDEX	500
TUBE PRODUCT CODE	T55089
TUBE VALVE	TR218A
TUBELESS VALVE	TR618A
BREAKER MATERIAL	Steel
STUDDABLE	Yes
VOLUME	61 gallons 100% 46 gallons 75%

**WATER AND SALT BALLASTING**

(CaCl<sub>2</sub>, 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/](http://www.nokiantyres.com/heavy/technical-tire-manual/)