

600/50-22.5 173A8 NOKIAN TYRES GROUND KARE SF TL

Excavator and backhoe loader tire for versatile contracting work

PRODUCT CODE	T445798
APPLICATION	Wheeled excavator
LI / SPEED SYMBOL	173A8
RIM RECOMMENDED	AG 20.00
TYPE APPROVAL	E8 106R-002142



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	21550	13590	11720	10595	10220	9930	9745	9555	9370	8995	8530
58	23455	14780	12745	11520	11110	10815	10605	10405	10195	9790	9280
65	26115	16470	14200	12830	12380	12035	11805	11585	11355	10900	10330
73	28395	17900	15430	13955	13460	13085	12840	12590	12345	11850	11235
80	31185	19665	16955	15320	14780	14375	14100	13835	13560	13020	12335
87	32960	20780	17915	16195	15620	15190	14905	14615	14330	13755	13040

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	45.5 in	47.8 in
TIRE WIDTH	23.7 in	25.1 in
PATTERN DEPTH	33/32 in	
MAX. INFLATION PRESSURE	87 psi	

STATIC LOADED RADIUS 20.1 in @ 14300 lb / 87 psi

DYNAMIC ROLLING CIRCUMFERENCE 137.6 in @ 14300 lb / 87 psi

DYNAMIC ROLLING RADIUS 21.9 in @ 14300 lb / 87 psi

SPEED RADIUS INDEX 550

TUBE PRODUCT CODE T55089

TUBE VALVE TR218A

TUBELESS VALVE TR618A

BREAKER MATERIAL Steel

STUDDABLE Yes

VOLUME 93 gallons 100%
70 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
352	93	265	70	217	57	111	244	328	723

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.

Tyre have 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/