

# 710/40-22.5 24 173A8 NOKIAN TYRES GROUND KARE SF TL

Excavator and backhoe loader tire for versatile contracting work

PRODUCT CODE	T445799
APPLICATION	Wheeled excavator
LI / SPEED SYMBOL	173A8
PLY RATING	24
RIM RECOMMENDED	AG24.00 Always make sure that rim is suitable for intended use. Please see Nokian Tyres rim recommendations.
TYPE APPROVAL	E8 106R-002143



## 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	22820	14385	12400	11210	10815	10515	10320	10120	9920	9525	9030
58	24725	15585	13435	12145	11720	11400	11175	10970	10750	10320	9780
65	27635	17430	15025	13580	13095	12730	12500	12260	12015	11530	10935
73	30425	19180	16535	14945	14420	14020	13755	13490	13230	12700	12035
80	32960	20780	17915	16195	15620	15190	14905	14615	14330	13755	13040

## TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	45.1 in	46.5 in
TIRE WIDTH	27.5 in	30.8 in
PATTERN DEPTH	33/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	80 psi	

STATIC LOADED RADIUS 19.9 in @ 14300 lb / 80 psi

DYNAMIC ROLLING CIRCUMFERENCE 136.9 in @ 14300 lb / 80 psi

DYNAMIC ROLLING RADIUS 21.8 in @ 14300 lb / 80 psi

SPEED RADIUS INDEX 550

TUBE PRODUCT CODE T55092

TUBE VALVE TR218A

TUBELESS VALVE TR618A

BREAKER MATERIAL Steel

STUDDABLE Yes

VOLUME 108 gallons 100%  
81 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
407	108	305	81	251	66	128	282	379	836

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/)