

# 710/40-22.5 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
RIM RECOMMENDED	AG24.00
TYPE APPROVAL	E8 106R-002143



## 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	10350	6525	5625	5085	4905	4770	4680	4590	4500	4320	4095
400	11215	7070	6095	5510	5315	5170	5070	4975	4875	4680	4435
450	12535	7905	6815	6160	5940	5775	5670	5560	5450	5230	4960
500	13800	8700	7500	6780	6540	6360	6240	6120	6000	5760	5460
550	14950	9425	8125	7345	7085	6890	6760	6630	6500	6240	5915

## TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1145 mm	1180 mm
TIRE WIDTH	698 mm	782 mm
PATTERN DEPTH	26 mm	
MAX. INFLATION PRESSURE	550 kPa	

STATIC LOADED RADIUS	505 mm @ 6500 kg / 550 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3478 mm @ 6500 kg / 550 kPa
DYNAMIC ROLLING RADIUS	554 mm @ 6500 kg / 550 kPa
SPEED RADIUS INDEX	550
TUBE PRODUCT CODE	T55092
TUBE VALVE	TR218A
TUBELESS VALVE	TR618A
BREAKER MATERIAL	Steel
STUDDABLE	Yes
VOLUME	407 l 100% 305 l 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.

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/](http://www.nokiantyres.com/heavy/technical-tire-manual/)