

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

Excavator tire for soft surfaces

PRODUCT CODE	T445606
APPLICATION	Wheeled excavator
LI / SPEED SYMBOL	173A8
PLY RATING	24
RIM RECOMMENDED	AG24.00
TYPE APPROVAL	E8 106R-000301



## LOAD CAPACITY FOR WHEELED EXCAVATOR, KG

### Constant load

Pressure (kPa)	Speed (km/h)										
	0	5	10	15	20	25	30	35	40	45	50
200	6095	3845	3315	2995	2890	2810	2755	2705	2650	2545	2410
240	7245	4570	3940	3560	3435	3340	3275	3215	3150	3025	2865
320	9200	5800	5000	4520	4360	4240	4160	4080	4000	3840	3640
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	1153 mm	1180 mm
TIRE WIDTH	685 mm	782 mm
PATTERN DEPTH	40 mm	
MAX. INFLATION PRESSURE	550 kPa	

STATIC LOADED RADIUS 518 mm @ 6500 kg / 550 kPa

DYNAMIC ROLLING CIRCUMFERENCE 3525 mm @ 6500 kg / 550 kPa

DYNAMIC ROLLING RADIUS 561 mm @ 6500 kg / 550 kPa

SPEED RADIUS INDEX 550

TUBE PRODUCT CODE T55092

TUBE VALVE TR218A

TUBELESS VALVE TR618A

BREAKER MATERIAL Steel

VOLUME 327 l 100%  
245 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
327	86	245	65	201	53	103	226	304	670

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/)