

# 650/45-22.5 24 175A8 NOKIAN TYRES EXCAVATOR SF TL

Excavator tire for soft surfaces

<b>PRODUCT CODE</b>	T445605
<b>APPLICATION</b>	Wheeled excavator
<b>LI / SPEED SYMBOL</b>	175A8
<b>PLY RATING</b>	24
<b>RIM RECOMMENDED</b>	AG22.00 Always make sure that rim is suitable for intended use. Please see Nokian Tyres rim recommendations.
<b>RIM PERMITTED</b>	AG20.00
<b>TYPE APPROVAL</b>	E8 106R-001602



## 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	5925	3735	3220	2910	2805	2730	2680	2625	2575	2470	2345
240	7075	4460	3845	3475	3350	3260	3200	3135	3075	2950	2800
320	8915	5620	4845	4380	4225	4110	4030	3955	3875	3720	3525
360	10065	6345	5470	4945	4770	4640	4550	4465	4375	4200	3980
400	10925	6890	5940	5370	5180	5035	4940	4845	4750	4560	4325
450	12190	7685	6625	5990	5775	5620	5510	5405	5300	5090	4825
500	13340	8410	7250	6555	6320	6150	6030	5915	5800	5570	5280
550	14490	9135	7875	7120	6865	6680	6550	6425	6300	6050	5735
600	15870	10005	8625	7795	7520	7315	7175	7040	6900	6625	6280

## TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1148 mm	1200 mm
TIRE WIDTH	643 mm	697 mm
PATTERN DEPTH	40 mm	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	600 kPa	

STATIC LOADED RADIUS	515 mm @ 6900 kg / 600 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3525 mm @ 6900 kg / 600 kPa
DYNAMIC ROLLING RADIUS	561 mm @ 6900 kg / 600 kPa
SPEED RADIUS INDEX	550
TUBE PRODUCT CODE	T55092
TUBE VALVE	TR218A
TUBELESS VALVE	TR618A
BREAKER MATERIAL	Steel
VOLUME	293 l 100% 220 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
293	77	220	58	180	48	92	203	272	600

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/)