

# 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, LB

### Constant load

Pressure (psi)	Speed (mph)										
	0	2.5	5	10	12	15	17.5	22.5	25	27.5	30
29	13060	8235	7100	6415	6185	6020	5910	5785	5675	5445	5170
35	15600	9835	8475	7660	7385	7185	7055	6910	6780	6505	6175
46	19655	12390	10680	9655	9315	9060	8885	8720	8545	8200	7770
52	22190	13990	12060	10900	10515	10230	10030	9845	9645	9260	8775
58	24085	15190	13095	11840	11420	11100	10890	10680	10470	10055	9535
65	26875	16945	14605	13205	12730	12390	12145	11915	11685	11220	10635
73	29410	18540	15985	14450	13935	13560	13295	13040	12785	12280	11640
80	31945	20140	17360	15695	15135	14725	14440	14165	13890	13340	12645
87	34985	22055	19015	17185	16580	16125	15820	15520	15210	14605	13845

**TIRE DIMENSIONS**

	New tire	Max. in service
OVERALL DIAMETER	45.2 in	47.2 in
TIRE WIDTH	25.3 in	27.4 in
PATTERN DEPTH	50/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	87 psi	

STATIC LOADED RADIUS	20.3 in @ 15200 lb / 87 psi
DYNAMIC ROLLING CIRCUMFERENCE	138.8 in @ 15200 lb / 87 psi
DYNAMIC ROLLING RADIUS	22.1 in @ 15200 lb / 87 psi
SPEED RADIUS INDEX	550
TUBE PRODUCT CODE	T55092
TUBE VALVE	TR218A
TUBELESS VALVE	TR618A
BREAKER MATERIAL	Steel
VOLUME	77 gallons 100% 58 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
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/)