

# 650/45-22.5 175A8 GROUND KARE SF TL

Excavator and backhoe loader tire for versatile contracting work

PRODUCT CODE	T445664
APPLICATION	Wheeled excavator
LI / SPEED SYMBOL	175A8
PLY RATING	24
RIM RECOMMENDED	AG22.00
RIM PERMITTED	AG20.00
TYPE APPROVAL	E8 106R-001143



## 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	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	1146 mm	1200 mm
TIRE WIDTH	663 mm	697 mm
PATTERN DEPTH	26 mm	
MAX. INFLATION PRESSURE	600 kPa	

STATIC LOADED RADIUS 524 mm @ 6900 kg / 600 kPa

DYNAMIC ROLLING CIRCUMFERENCE 3493 mm @ 6900 kg / 600 kPa

DYNAMIC ROLLING RADIUS 556 mm @ 6900 kg / 600 kPa

SPEED RADIUS INDEX 550

TUBE PRODUCT CODE T55092

TUBE VALVE TR218A

TUBELESS VALVE TR618A

BREAKER MATERIAL Steel

STUDDABLE Yes

VOLUME 300 | 100%  
225 | 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
300	79	225	59	185	49	94	207	279	615

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/)