500/45-22.5 24 160A8 NOKIAN TYRES GROUND KARE SF TL

Excavator and backhoe loader tire for versatile contracting work

PRODUCT CODE	T445868
APPLICATION	Wheeled excavator
LI / SPEED SYMBOL	160A8
PLY RATING	24
RIM RECOMMENDED	AG16.00 Always make sure that rim is suitable for intended use. Please see Nokian Tyres rim recommendations.
RIM PERMITTED	AG18.00
TYPE APPROVAL	E8 106R-002793

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	6670	4205	3625	3275	3160	3075	3015	2960	2900	2785	2640
400	7245	4570	3940	3560	3435	3340	3275	3215	3150	3025	2865
450	8165	5150	4440	4010	3870	3765	3690	3620	3550	3410	3230
500	8915	5620	4845	4380	4225	4110	4030	3955	3875	3720	3525
550	9775	6165	5315	4805	4635	4505	4420	4335	4250	4080	3870
600	10350	6525	5625	5085	4905	4770	4680	4590	4500	4320	4095

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1036 mm	1053 mm
TIRE WIDTH	499 mm	543 mm
PATTERN DEPTH	24 mm	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	600 kPa	

STATIC LOADED RADIUS	472 mm @ 4500 kg / 600 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3126 mm @ 4500 kg / 600 kPa
DYNAMIC ROLLING RADIUS	498 mm @ 4500 kg / 600 kPa
SPEED RADIUS INDEX	500
TUBE PRODUCT CODE	T56435
TUBE VALVE	TR218A
TUBELESS VALVE	TR618A
BREAKER MATERIAL	Steel
STUDDABLE	Yes
VOLUME	170 l 100% 128 l 75%

WATER AND SALT BALLASTING

(CaCl2, 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
170	45	128	34	105	28	53	118	158	348

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/