

600/50-22.5 173A8 NOKIAN EXCAVATOR SF TL

Excavator tire for soft surfaces

PRODUCT CODE	T445604
APPLICATION	Wheeled excavator
LI / SPEED SYMBOL	173A8
PLY RATING	24
RIM RECOMMENDED	AG20.00
TYPE APPROVAL	E8 106R-001601



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	5750	3625	3125	2825	2725	2650	2600	2550	2500	2400	2275
240	6900	4350	3750	3390	3270	3180	3120	3060	3000	2880	2730
320	8625	5440	4690	4240	4090	3975	3900	3825	3750	3600	3415
360	9775	6165	5315	4805	4635	4505	4420	4335	4250	4080	3870
400	10640	6705	5780	5225	5040	4905	4810	4720	4625	4440	4210
450	11845	7470	6440	5820	5615	5460	5355	5255	5150	4945	4685
500	12880	8120	7000	6330	6105	5935	5825	5710	5600	5375	5095
550	14145	8920	7690	6950	6705	6520	6395	6275	6150	5905	5595
600	14950	9425	8125	7345	7085	6890	6760	6630	6500	6240	5915

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1149 mm	1214 mm
TIRE WIDTH	583 mm	638 mm
PATTERN DEPTH	40 mm	
MAX. INFLATION PRESSURE	600 kPa	

STATIC LOADED RADIUS 517 mm @ 6500 kg / 600 kPa

DYNAMIC ROLLING CIRCUMFERENCE 3531 mm @ 6500 kg / 600 kPa

DYNAMIC ROLLING RADIUS 562 mm @ 6500 kg / 600 kPa

SPEED RADIUS INDEX 550

TUBE PRODUCT CODE T55089

TUBE VALVE TR218A

TUBELESS VALVE TR618A

BREAKER MATERIAL Steel

VOLUME 270 l 100%
203 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
270	71	203	53	166	44	85	187	251	553

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/