

600/50-22.5 173A8 NOKIAN TYRES GROUND KARE SF TL

Excavator and backhoe loader tire for versatile contracting work

PRODUCT CODE	T445798
APPLICATION	Wheeled excavator
LI / SPEED SYMBOL	173A8
RIM RECOMMENDED	AG 20.00
TYPE APPROVAL	E8 106R-002142



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	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	1156 mm	1214 mm
TIRE WIDTH	603 mm	638 mm
PATTERN DEPTH	26 mm	
MAX. INFLATION PRESSURE	600 kPa	

STATIC LOADED RADIUS	511 mm @ 6500 kg / 600 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3495 mm @ 6500 kg / 600 kPa
DYNAMIC ROLLING RADIUS	556 mm @ 6500 kg / 600 kPa
SPEED RADIUS INDEX	550
TUBE PRODUCT CODE	T55089
TUBE VALVE	TR218A
TUBELESS VALVE	TR618A
BREAKER MATERIAL	Steel
STUDDABLE	Yes
VOLUME	352 l 100% 264 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
352	93	265	70	217	57	111	244	328	723

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/