

9.00-20 16 ARMOR GARD MINE

Long service life for material-handling machines and excavators

PRODUCT CODE	T445562
APPLICATION	Drill rigs and other mining machines
LI / SPEED SYMBOL	160A5
PLY RATING	16
RIM RECOMMENDED	7.0
RIM PERMITTED	7.5



LOAD CAPACITY FOR DRILL RIGS AND OTHER MINING MACHINES, LB

Pressure (psi)	Speed (mph)					
	0	creep	2.5	5	12	15
58	8765	7550	7550	7550	5810	5810
62	9085	7815	7815	7815	6020	6020
65	9390	8080	8080	8080	6215	6215
69	9690	8345	8345	8345	6415	6415
73	9985	8600	8600	8600	6615	6615
76	10275	8850	8850	8850	6800	6800
80	10560	9095	9095	9095	6990	6990
83	10835	9325	9325	9325	7175	7175
87	11110	9570	9570	9570	7365	7365
91	11375	9800	9800	9800	7540	7540
94	11640	10020	10020	10020	7715	7715
98	11905	10250	10250	10250	7880	7880
102	12160	10470	10470	10470	8060	8060
105	12410	10680	10680	10680	8225	8225
109	12655	10900	10900	10900	8390	8390
112	12910	11110	11110	11110	8545	8545
116	13150	11320	11320	11320	8710	8710
120	13380	11520	11520	11520	8865	8865
123	13625	11730	11730	11730	9015	9015
127	13855	11925	11925	11925	9170	9170
131	14090	12125	12125	12125	9325	9325
134	14310	12325	12325	12325	9480	9480
138	14540	12510	12510	12510	9625	9625
141	14760	12710	12710	12710	9780	9780
145	14980	12895	12895	12895	9920	9920

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	40.9 in	42.1 in
TIRE WIDTH	10.9 in	11 in
PATTERN DEPTH	25/32 in	
MAX. INFLATION PRESSURE	145 psi	

STATIC LOADED RADIUS	18.9 in @ 9900 lb / 145 psi
DYNAMIC ROLLING CIRCUMFERENCE	123 in @ 9900 lb / 145 psi
DYNAMIC ROLLING RADIUS	19.6 in @ 9900 lb / 145 psi
TUBE PRODUCT CODE	T52520
FLAP PRODUCT CODE	T299520
TUBE VALVE	TR175
VOLUME	24 gallons 100% 18 gallons 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
90	24	68	18	55	15	28	62	83	183

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/