



ALLIANCE
CONSTRUCTION &
INDUSTRIAL

TRA: R-4
Speed Rating: A8

Alliance 624 is a unique tire for various machines. It has an all-steel radial construction with a wide base and mud releaser. It has massive lugs with steep angles close to the central line, lower angles close to shoulders, massive centre blocks, robust sidewall construction with rim guards and reinforced shoulder area.

EXCAVATOR - 445/70R22.5

Size	Rim	Unloaded Dimension		Loaded Static radius inch	Rolling Circumference inch	Load Index PR Symbols	Inflation Pressure psi	Recommended Load									
								Speed									
		Constant Load							Cyclic Applications								
		Static mph	3 mph					6 mph	16 mph	19 mph	22 mph	25 mph	3 mph	6 mph	9 mph		
445/70R22.5 (18R22.5)	14.00 - 22.5	17.9	47.0	21.2	143.5	175A8 182A2	51	22420	14130	12190	10340	10140	9940	9740	16270	14620	13050
							58	24230	15280	13180	11180	10960	10760	10540	17590	15810	14130
							65	25970	16360	14110	11970	11730	11510	11290	18850	16930	15120
							73	27650	17420	15010	12740	12500	12260	12020	20060	18030	16090
							80	29210	18410	15870	13470	13210	12960	12700	21210	19050	17020
							87	30730	19380	16710	14150	13890	13630	13360	22310	20040	17900
							94	32210	20310	17510	14840	14550	14290	14000	23370	21010	18760
							102	33620	21190	18280	15500	15210	14900	14620	24410	21940	19580
							109	34990	22070	19030	16120	15830	15520	15210	25400	22820	20390

* Loads mentioned in the table above are permitted for traction wheels of vehicles in cyclic loading with minimal torque and higher weight. For Operations (max. speed 30 km/h), Vehicles must be unloaded before using it out of the field. ** One way distance 600 meter. *** One way distance 150 meter. # Maximum load per tire includes variations in all possible field and vehicle. For hill-side operations with over 20% slope, only the basic load in the tables are permitted.

