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## Application Guidelines for 22.5 x 8.25" and 24.5 x 8.25" Wheels

Standard service Alcoa 22.5 x 8.25 and 24.5 x 8.25 wheels and their associated polish options with load ratings from 7200 lb to 7400 lb are not recommended for use on steer or drive axles with GAWR greater than what is approved in the following table (regardless of how the axle is rated on the vehicle placard). The following table summarizes the Alcoa part numbers, load ratings, and maximum approved loads (per axle configuration) for standard service Alcoa 22.5 x 8.25 and 24.5 x 8.25 wheels.

Mounting System	Alcoa Part Number	Alcoa Wheel Load Rating (lb)	Max Steer Axle GAWR (lb)	Max Drive/Tandem Axle GAWR (lb)
Ball Seat 10 on 11.25"	88311	7200	14,400	28,800
	98312	7200	14,400	28,800
Hub Pilot 8 on 275 mm	88344	7400	14,800	29,600
	98247	7300	14,600	29,200
Hub Pilot 10 on 285.75 mm	88367	7400	14,800	29,600
	ULTRA	7400	14,800	29,600
	98U63	7400	14,800	29,600
	Stylized Proprietary	7300	14,600	29,200
	Stylized Proprietary	7400	14,800	29,600

Hub pilot, 10 on 285.75 mm applications exceeding the GAWR's listed in the table above must use Alcoa Severe Service® wheel part numbers 88565 for 22.5 x 8.25 applications, and 98565 for 24.5 x 8.25 applications, or a wide base wheel with an appropriate load rating to maintain the full rating of the specified axle. For additional mounting systems refer to the Alcoa Product Specification Guide for options to meet the intended application. De-rating an axle by using a wheel combination that does not meet the full rating of the axle is not permitted, and will void the wheel warranty.

It is recommended that Severe Service® wheels are used in applications that require a 22.5 x 8.25 or 24.5 x 8.25 wheel where lift axles are present due to the high loads that are incurred by the remaining wheels when the lift axle(s) are in a raised position.

If you have any questions regarding the correct wheel for a specific vehicle application, please contact an Alcoa Sales Representative or call 800.242.9898.