



State-of-the-art, global engineering gives these U.S.-manufactured axles market-leading performance and value. Here are some of the offered benefits:

- The above-center-pinion position of the rear-rear axle results in an improved driveline angle and a significant reduction of driveline vibrations
- A larger power divider results in improved stability and reliability
- Precision ground gear sets provide for a quieter and smoother operation, while allowing higher torque applications
- Elimination of pinion head bearing allows the use of a larger differential for added stability and durability
- Robust design and ease of maintenance reduce life cycle costs
- Accepts all brakes offered in the Sterling Data Book
- Warranty is based on truck application up to 5 years, 750,000 miles
- Available in all Class 8 Sterling truck models



Proprietary Tandem Axle Specifications

Weight Ratings: ART-34.0-4
 ART-40.0-4
 ART-44.0-4

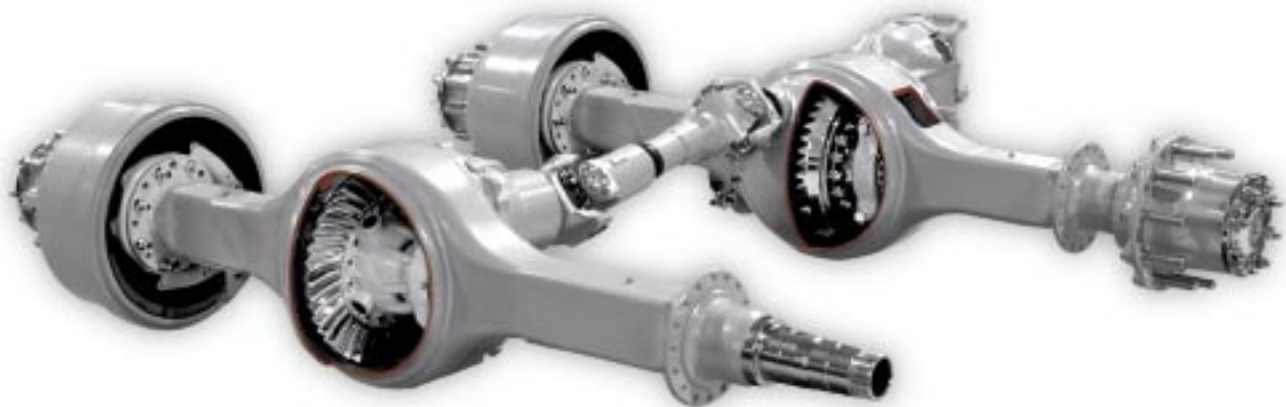
UNDERSTANDING A MODEL CODE

Example:
ART-40.0-4

- └─ Model Number
- └─ Weight Rating (x 1000 lbs.)
- └─ Tandem
- └─ Rear
- └─ Axle

Because no two customers' operations are the same, Sterling offers extensive custom-engineered options and configurations. We engineer the right truck for your job, so you can get it done faster and easier.

Nothing works like a Sterling truck



Driver control differential lock available for both axles.



Cut-out showing precision ground gear set.

Drive Axle	Data Book Code	Capacity lbs. (kg)	Weight lbs. (kg)	Ring Gear Size in. (mm)	Oil Capacity qt. (l)	Maximum Torque lb.-ft.	Available Ratios
ART-34.0-4	420-1GP	34,000 (15,420)	1,301 (590)	15.35 (390)	16 (15) 12 (11)	1,850 ¹	2.62 ³
ART-40.0-4	420-1GR	40,000 (18,141)	1,301 (590)				3.08 ⁵
ART-44.0-4	420-1GT	44,000 (19,955)	1,360 (617)				3.15 ⁵
							3.31 ⁵
							3.42 ⁴
							3.58
							3.73 ⁴
							3.91
							4.30 ²

¹ For line-haul applications; 1,650 lb.-ft. for all other vocations. ² Available 4th Quarter 2004. ³ Available 1st Quarter 2005. ⁴ Available 2nd Quarter 2005. ⁵ Available 3rd Quarter 2005. Availability dates subject to change.

Proprietary Tandem Rear Axle

You'll like the way we work.™



For the Sterling Dealer nearest you, call 1-800-STL-HELP

www.sterlingtrucks.com

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