



PRODUCT INFORMATION LETTER #638

Date: 2/3/2017

Subject: Meritor Introduces the New Meritor 14X HE Tandem Drive Axle

Models: MT14X HE

Meritor is pleased to announce the next evolution of the most successful 40K axle in the market. The new 14X HE “High Efficiency” tandem drive axle.

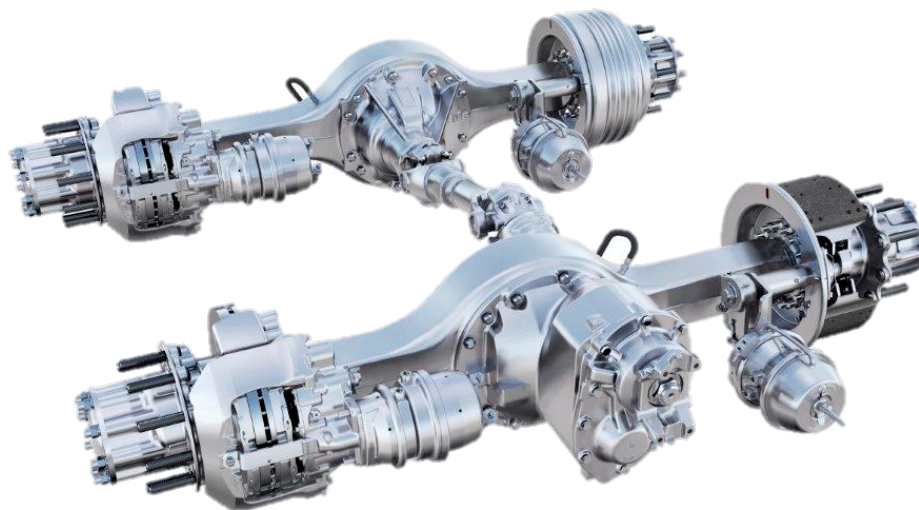
The 14X HE builds upon the proven technology and highest efficiency in its class 14X, and improves the efficiency by up to 1.5%.

The 14X HE Features

- Spiral bevel gearing with precision finished gears that improves surface finish and reduces friction
- Ratios 2.15*- 3.90
- High efficiency bearings
- New laser welding reduces weight, increases efficiency, and provides more gear to differential case joint integrity
- The 14X HE will have a weight reduction of 30lbs over the industry standard MT14X
- Innovative Meritor lubrication management system– directs lube away from ring gear to reduce churning and improve efficiency while still protecting internal components.

Availability

The 14XHE will be available for production from Meritor, Inc. starting February 2017





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Additional Product Features

- The ability to handle up to 1850lb-ft of torque
- Optional DualTrac housing
- Driver Controlled Differential Lock optional in the forward drive axle
- Weight Savings up to 30lbs over standard MT14X
- 80K GCW

The Meritor 14XHE tandem drive axle is designed to take the customer to the next level in efficiency while still keeping the successful core components of the MT14X to get the job done and reduce fuel expense.

14XHE Specifications

Rating Pounds (KG)	Axle Model	GCW Highway Pounds (KG)		Standard Ratios (High/ Low Range)	Ring Gear Size (Pitch Diameter) Inches (mm)	Axle shaft Spline Size Inches (mm)	Wall Thickness at Spring Seat Inches(mm)	DCDL Y/N	Pump Y/N
		Max. 3% Grade (Turnpike)	Max. 8% Grade (Paved)						
40,000	MT-40-14XHE	105,000	80,000	2.15,2.28,2.47,2.64,2.79,2.85,2.93,3.08,3.25,3.36,3.42,3.55,3.70,3.90	15.31 (388.9)	2.10(53.3) 41 Teeth	.37 (9.5 mm) .43 (11 mm) Standard Track, DualTrac	Y	N

- *2.15 Ratio available in Q3 CY17
- *DCDL option for 2.15 and 2.28ratio and available Q3 CY17
- For options not available in the 14XHE platform the 14X will still be offered as a solution

Aftermarket carriers will be available with these ratios through normal channels. Contact Meritor's Commercial Vehicle Aftermarket in Florence, KY, at 888-725-9355.

For more information on Meritor's 14XHE series axle, please contact your DriveForce™ or Meritor representative. Additional product and service information for Meritor axles is available through the Literature on Demand section at www.meritor.com.

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Rear Drive Axles