# BEST LINE. BOTTOM LINE.

MERITOR® DRIVELINES HEAD-TO-HEAD COMPARISON.







DANA SPICER®

# **OE MARKET LEADERSHIP**

#### **Meritor Drivelines**

- 4 out of 5 major truck OEMs use Meritor® as their standard driveline
- Meritor is the driveline OE market share leader with more than 50% of the Class 8 production share, and growing
- With the Meritor Xtended Lube MXL<sup>TM</sup> standard lube-able option, and Meritor Permalube RPL<sup>TM</sup> product, Meritor provides preferred choices for both standard and high-performance industry positions
- Meritor MXL<sup>TM</sup> and RPL<sup>TM</sup> drivelines and components are outstanding and the reason why it continues to grow market share among truck OEMs



# **LUBRICATION AND MAINTENANCE SAVINGS**

#### **Meritor Drivelines**

- Meritor Xtended Lube MXL driveline provides up to \$1,683 in lubrication savings by extending lube intervals to 100,000 miles, which is as high as six times the competition
- In the permanently lubricated category, the Meritor Permalube RPL Series drivelines provide up to \$600 in lubrication savings per truck over the vehicle life
- Meritor RPL offers the lowest lifecycle costs, as it eliminates service required to grease the driveline

#### **Dana Spicer Drivelines**

- Dana Spicer 10 Series offers shorter lubrication intervals, 15K miles for some linehaul options, resulting in additional operation and maintenance costs
- The Dana Spicer SPL U-joints are an extended lube product that have a relubricartion cycle of 100K miles. Only the slip member is permanently lubricated. The Meritor RPL Series solution is 100% permanently lubricated.

#### ADVANTAGE: MERITOR DRIVELINES

Meritor Xtended Lube MXL driveline and Meritor Permalube RPL Series drivelines are both outstanding in each of their respective categories for reducing the cost of operation and maintenance over the life of the vehicle compared to Dana Spicer 10 Series and SPL drivelines



# **TECHNOLOGY**

# Meritor Drivelines

■ Meritor Permalube RPL Series drivelines were the 1st permanently lubricated driveline in the North American market — tested to 1.5 million miles

TST PERMANENTLY LUBRICATED DRIVELINE IN NORTH AMERICA

■ Dana Spicer SPL drivelines offer heavier weight and lower torque ratings in comparison to Meritor RPL drivelines

**Dana Spicer Drivelines** 

■ Low cost of ownership

■ Meritor RPL combines higher torque ratings and lower weight — ideal for modern, lighter weight trucks

## ADVANTAGE: MERITOR DRIVELINES

■ The Meritor Permalube RPL Series driveline technology advantages result in outstanding performance and durability, while reducing the cost of operation and maintenance over the life of the vehicle



# **ADVANCED SEALING**

Meritor Drivelines	Dana Spicer Drivelines	
<ul> <li>An industry-leading seal design with 50% more sealing capability than Dana Spicer</li> <li>RPL features inward facing seal lips to ensure that factory installed lubrication remains intact and prevents grease from migrating out of u-joint, the RPL patented slip shaft design enhances lubrication coverage so that lubricant moves across entire slip shaft due to pressurized design</li> <li>Meritor RPL shroud and excluder seal lips shield main seal lips and prevent dirt and water ingress and the patented slip shaft design enhances lubrication coverage so that lubricant moves across entire slip shaft due to pressurized design</li> <li>Meritor MXL, internally mounted advanced nitrile seal design ensures lube is protected from road contaminants</li> <li>The MXL triple-lip sealing system locks grease in and dirt out and ensures reliable seal performance under all conditions</li> </ul>	■ Dana Spicer SPL slip section design excludes a pressure neutralizing component so lube can leak away from critical parts ■ The Dana Spicer SPL shroud is a plastic boot accordion design that can be damaged by handling, installation and road debris versus the Meritor RPL steel shroud with e-coating	
ADVANTAGE MEDITOR DRIVELINGS		

#### ADVANTAGE: MERITOR DRIVELINES

- Meritor RPL features advanced sealing technology that enhances driveline life, both for U-joint and slip joint, ensuring smooth operation, while reducing maintenance down the road compared to the Dana Spicer SPL
- Meritor MXL advanced sealing technology enhances driveline life, ensures smooth operation, and reduces the need for maintenance down the road compared to the Dana Spicer 10 Series



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SUPERIUR CUMPUNENTS: U-JUINT		
Meritor Drivelines	Dana Spicer Drivelines	
<ul> <li>■ RPL U-joint is permanently greased and lubricated for life</li> <li>■ RPL U-joints have a higher bearing factor of 4.09, which has a direct link to the durability of the u-joint</li> <li>■ RPL U-joint design provides more needle contact area and distributes torque over a larger area to decrease wear</li> <li>■ MXL U-joint has an advanced nitrile, triple-lip sealing system to keep lubricants in and contaminants out</li> <li>■ The MXL's retained-needle bearings provide quick and trouble-free installation</li> <li>■ Precision ground, large-diameter MXL trunnions provide exceptional strength</li> <li>■ Robust MXL U-joint bearing retention system provides exceptional clamping force and eliminates spinning cups</li> <li>■ Meritor MXL U-joint has an advanced nitrile, triple-lip sealing system to keep lubricants in and contaminants out to ensure longer life, in addition to a thrust washer, extending its lubrication interval to 100,000 miles</li> </ul>	<ul> <li>Dana Spicer SPL U-joints (SPL170XL and SPL250XL) require lubrication, with the first lubrication cycle at 350,000 miles and every 100,000 miles thereafter (linehaul)</li> <li>There is an optional premium Dana Spicer SPL U-joint with extended warranty that is permanently lubricated</li> <li>Dana Spicer's SPL250 U-joint has a lower bearing factor of 3.50</li> <li>Dana Spicer 10 Series u-joint does not offer the advanced nitrile, triple-lip sealing system of the MXL U-joint, which is why its lubrication interval is limited to 50,000 miles</li> </ul>	
ADVANTAGE: MERITOR DRIVELINES		
■ The Meritor MXL U-joint is recognized as an industry standard along with the Spicer 10 Series U-Joint. But when you	22 23	

examine both u-joints by feature, the MXL offers competitive advantages in performance, sealing, and cost savings

■ The Meritor RPL U-joint is permanently greased and lubricated for life

SUPERIOR CENTER BEARINGS		
Meritor Self-Aligning Center Bearing		Dana Spicer Center Bearing
<ul> <li>Patented Meritor design allows for three directions of bracket mis-alignment:         <ul> <li>Allows for side-to-side misalignment and fore and aft compensation</li> <li>Allows for +/-5 degrees of driveline angularity</li> </ul> </li> <li>Provides exceptional alignment for smoother performance, resulting in reduced wear and increased operating life</li> <li>Provides a common mounting platform on the cross member or mounting bracket.         <ul> <li>No shimming or bracket changes are necessary to achieve desired alignment.</li> </ul> </li> </ul>	3 DIRECTION MISALIGNMENT COMPENSATION	<ul> <li>■ The Dana Spicer center bearing cannot match the patented Meritor Self-Aligning Center Bearing's ability to adjust to three directions of mis-alignment</li> <li>■ Dana Spicer center bearing does not allow for side to side mis-alignment and also does not allow for fore and aft compensation</li> <li>■ The Dana Spicer center bearing allows for +/-10 degrees of driveline angularity, but only +/-5 is necessary</li> </ul>
ADVANTAGE: MERITOR SELF-ALIGNING CENTER BEARING		



# **COMPETITIVE PRICING**

#### **Meritor Drivelines**

- New lower pricing for Meritor driveline components means you get high-quality products and technology for a cost that is competitive to the competition
- Meritor offers updated competitive pricing for your hard-earned dollars and lowers your total cost of operation



# 24 HOUR DRIVESHAFT ON DEMAND

Meritor Drivelines	Dana Drivelines	
■ Reduces downtime compared to OE manufacturers and replaces worn driveshafts with new assemblies ■ Order popular Meritor driveshaft assemblies with unit down priority status and 24-hour availability	■ Not currently available through Dana Spicer	
ADVANCED MEDICAL MEDIC		

## ADVANTAGE: MERITOR DRIVELINES



- The Meritor 24-Hour Driveshaft on Demand program can be a real advantage for your operation to increase uptime and decrease your cost of operation
- The Meritor Driveshaft on Demand Customer Spec Order Form is online at meritordrivelines.com/DOD

# WARRANTY

Meritor Drivelines	Dana Spicer Drivelines
Micritor Differings	

■ Meritor Xtended Lube MXL and Permalube RPL aftermarket drivelines feature our industry best 2-year/Unlimited mileage warranty



■ Dana Spicer 10 Series and Dana Spicer SPL aftermarket driveline warranty covers 1-year/Unlimited mileage

#### ADVANTAGE: MERITOR DRIVELINES

■ Meritor's industry best warranties are a real plus when you consider Meritor's strong service and support

Visit Meritor Drivelines.com for more comparative information plus the bottom line advantages of Meritor drivelines and other driveline components. Or call our Customer Care Center at (888) 725-9355. In Canada, call (800) 387-3889. In Mexico, call 52-81-81-50-75-80.



