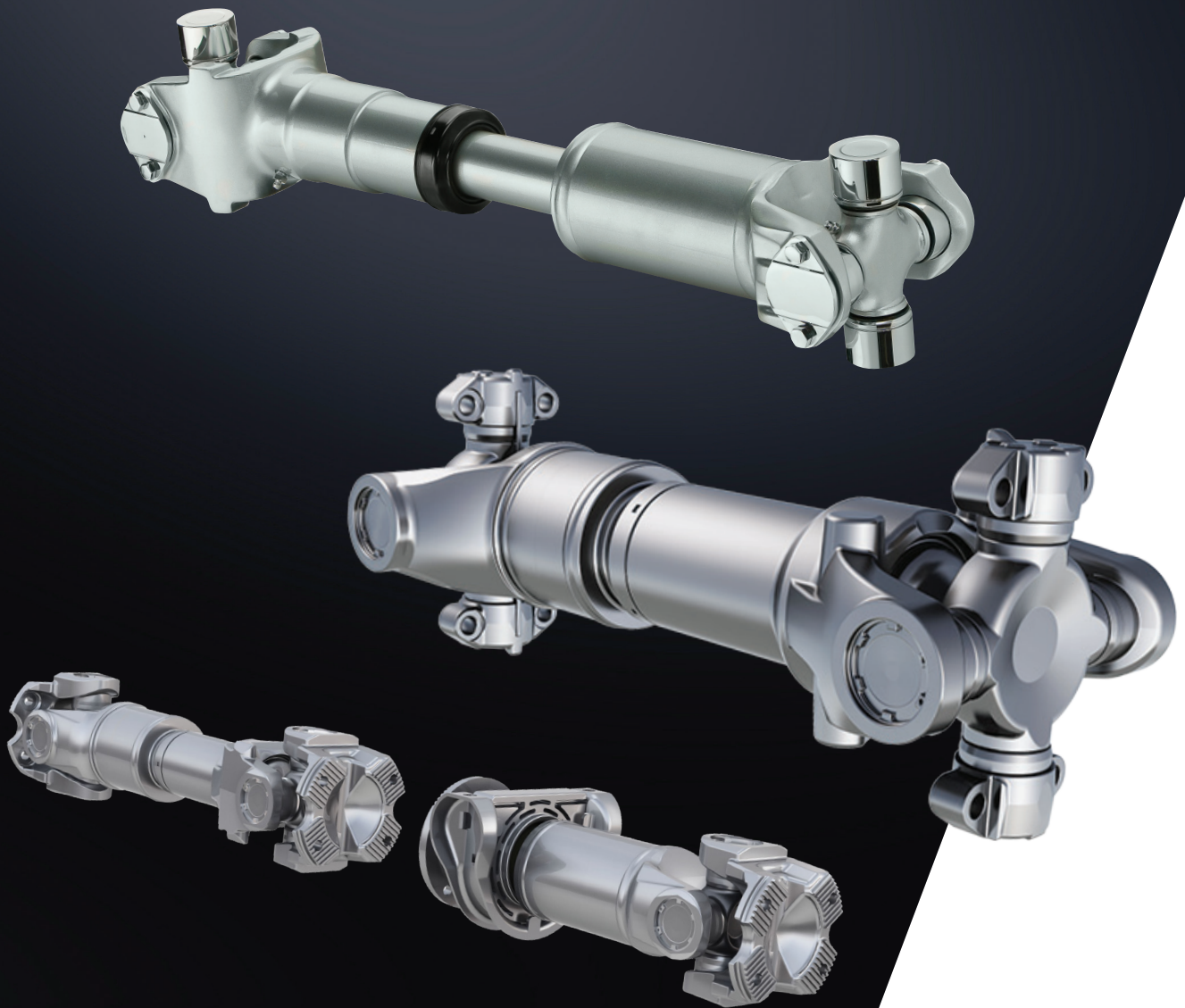


# HIGH TORQUE. LOW MAINTENANCE.

RPL AND MXL DRIVELINES



**Meritor**

**FOR  
A WORLD  
THAT'S  
ALWAYS ON™**

# MERITOR PERMALUBE™ RPL SERIES DRIVELINES

## First in Permanently Lubricated Technology

Meritor Permalube™ RPL Series drivelines were the first in the North American heavy-duty commercial vehicle industry to be permanently lubricated and sealed for life.

The advantage? Reduced operating and maintenance costs, industry-leading warranties, easy serviceability and extended U-joint life, particularly on gear-fast/run-slow drivetrains and higher torque applications.

## FEATURES AND BENEFITS

- 2 year unlimited linehaul warranty
- High-torque-rated models available for demanding applications, including heavy service and downspeeding
- Four-bolt design for easy installation and service
- E-coated steel guard secures and protects the slip seal against contaminants and damage
- Extended U-joint life:
  - Triple lip seals provide the ultimate protection against contaminants
  - Nylon thrust washers eliminate metal-to-metal contact, preventing wear
- Self-aligning center bearing is standard
- Environmentally “green” because the need to grease the driveline is eliminated
- Cummins-Meritor has been the industry’s technology leader in drivetrain solutions for over 20 years



Real life examples of high kilometer U-joints show virtually no wear.



Secure flange connections throughout the RPL35 Series drivelines accommodate high torque.

The RPL35 Series drivelines were designed for demanding applications, such as heavy service and downspeeding.

These applications often place higher torque demands on the drivetrain system. The RPL35 Series drivelines accommodate the increased engine torques and distribute it more evenly throughout the system.

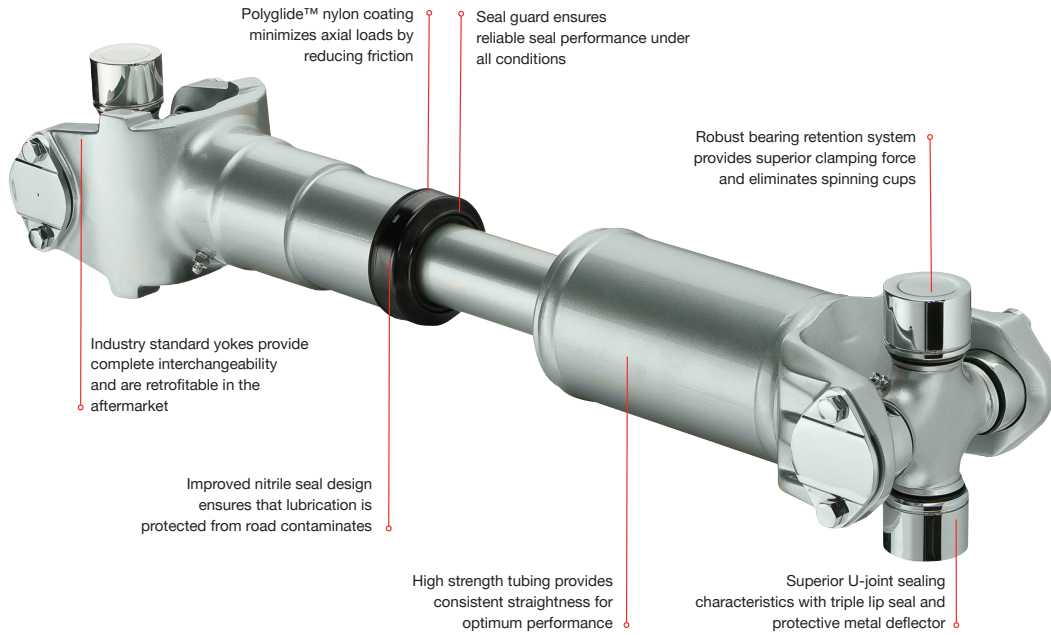
For more information on downspeeding, refer to Meritor Downspeeding Solutions spec sheet (SP-1589).

## RPL SERIES SPECIFICATIONS

Specifications	High Torque Rated			
	RPL20	RPL25SD	RPL35	RPL35SD
Tube Size (inches)	4.095 X 0.18	4.69 X 0.23	4.69 X 0.23	5.204 X 0.236
Tubing I.D. (inches)	3.735	4.23	4.23	4.732
Swing Diameter (inches)	7.80	9.10	8.11	8.11
Driveline Rating (Lb.-Ft.)	12,000	18,500	21,500	25,820
Driveline Rating (N-M)	16,270	25,083	29,150	35,000
Application	Main & Inter-axle	Main	Main	Main

# MERITOR EXTENDED LUBE MXL DRIVELINES

MXL Drivelines are the product of the Cummins-Meritor 100-plus years of developing driveline technology. Merging the robust features of both the Meritor RPL and RN technologies, MXL Drivelines feature extended lubrication intervals as well as advanced sealing technology and features that will maximize the life of your drivelines.



## FEATURES

- Field proven nitrile seal design that guards against contaminants and water intrusion
- Steel shroud and seal design more robust than competitive products
- Corrosion resistant seal guard protects and secures advanced slip seal improving durability over “booted” designs
- Up to 80,000km lubrication intervals (linehaul applications) for slip section and U-joint, reducing operating and maintenance costs
- U-joint features nylon thrust washers that eliminate metal-to-metal contact, thus preventing wear
- Self aligning centre bearing (standard on MXL)

## ADVANTAGES

- 2 year, unlimited km warranty
- Industry standard RN/10 Series end yokes - available for both full round and easy service yokes
- No special grease required - standard lithium based
- Standard with Polyglide™ nylon coating minimizes axial loads by reducing friction
- Tighter balance specifications reduce the potential for vibration and ensure smooth operating performance

## EXTENDED LUBRICATION

Application	MXL 16N	MXL 17N-18N
City	40,000km or 6 months	40,000km or 6 months
On Highway	40,000km or 6 months	80,000km
Linehaul	40,000km or 6 months	80,000km

## MXL SERIES SPECIFICATIONS

Model	MXL 16N	MXL 17N	MXL 18N
Tube Size (mm)	101.6 X 2.79	104.01 X 4.57	116.59 X 4.57
Tubing I.D (mm)	96.01	94.81	107.44
Swing Diameter (mm)	177.8	198.12	231.14
Driveline Rating (Lb.-Ft.)	6,000	10,000	16,500
Driveline Rating (N-M)	8,135	13,558	22,371
Application	Main & Inter-axle	Main & Inter-axle	Main



Meritor Heavy Vehicle Systems Australia  
70 Berkshire Road  
Sunshine, VIC 3020  
AUSTRALIA

(03) 9311 6555

[meritorpartsonline.com](http://meritorpartsonline.com)

CMCVSFL014 - RPL AND MXL DRIVELINES 04/23  
Produced in AUS 04/23  
©2023 Cummins Inc.