

ROADRANGER SERVICE

EATON ABS

DANA SPICER® BRAKES

DANA SPICER® AXLES

DANA SPICER® DRIVESHAFTS

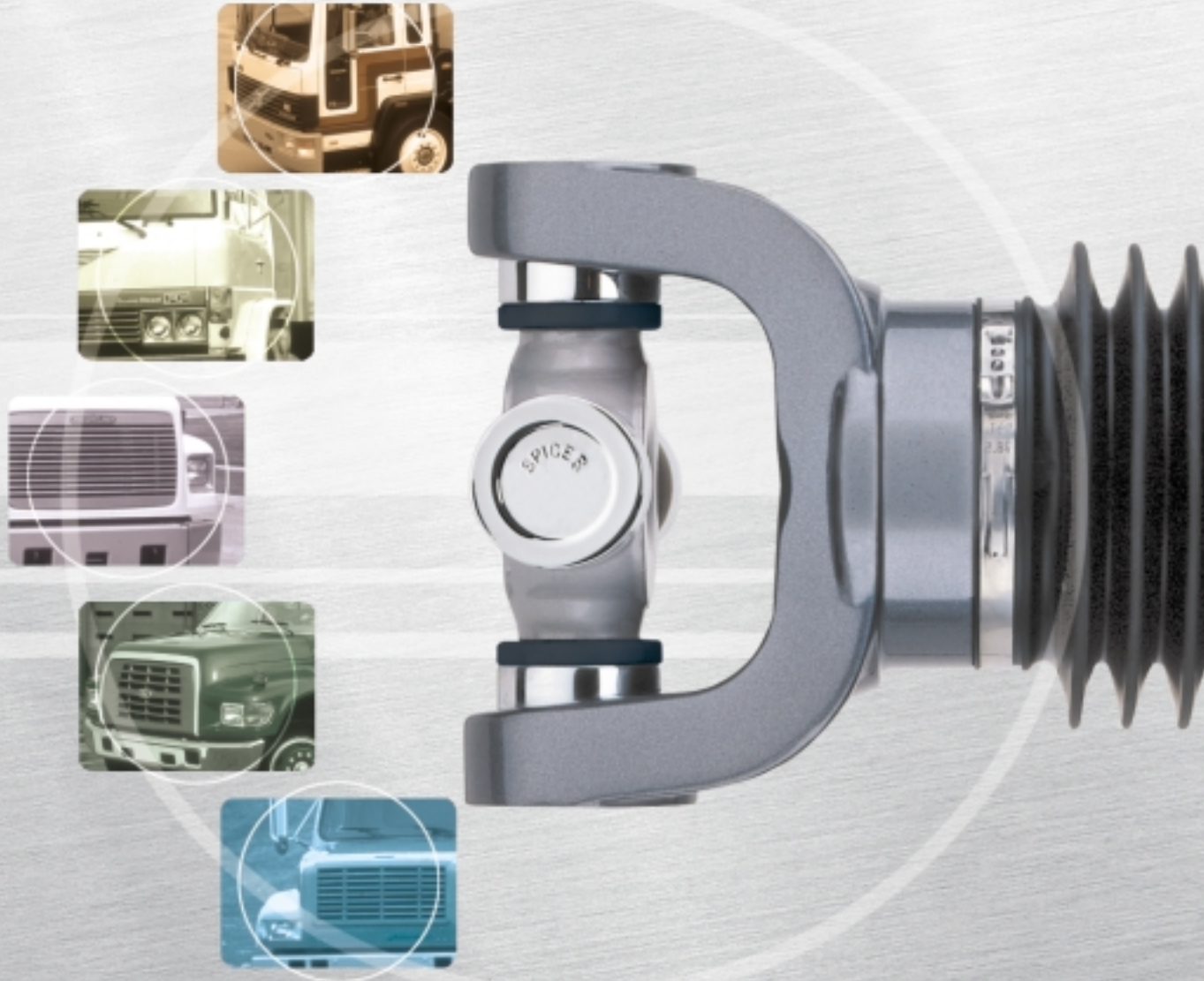
EATON FULLER CLUTCHES

EATON FULLER TRANSMISSIONS

# SPICER®



MAXIMUM PERFORMANCE FOR MEDIUM-DUTY VEHICLES



INTRODUCING MEDIUM-DUTY SPICER LIFE SERIES® DRIVESHAFTS

*People Finding A Better Way®*

# Finding a Better Way is a Never-Ending Job.

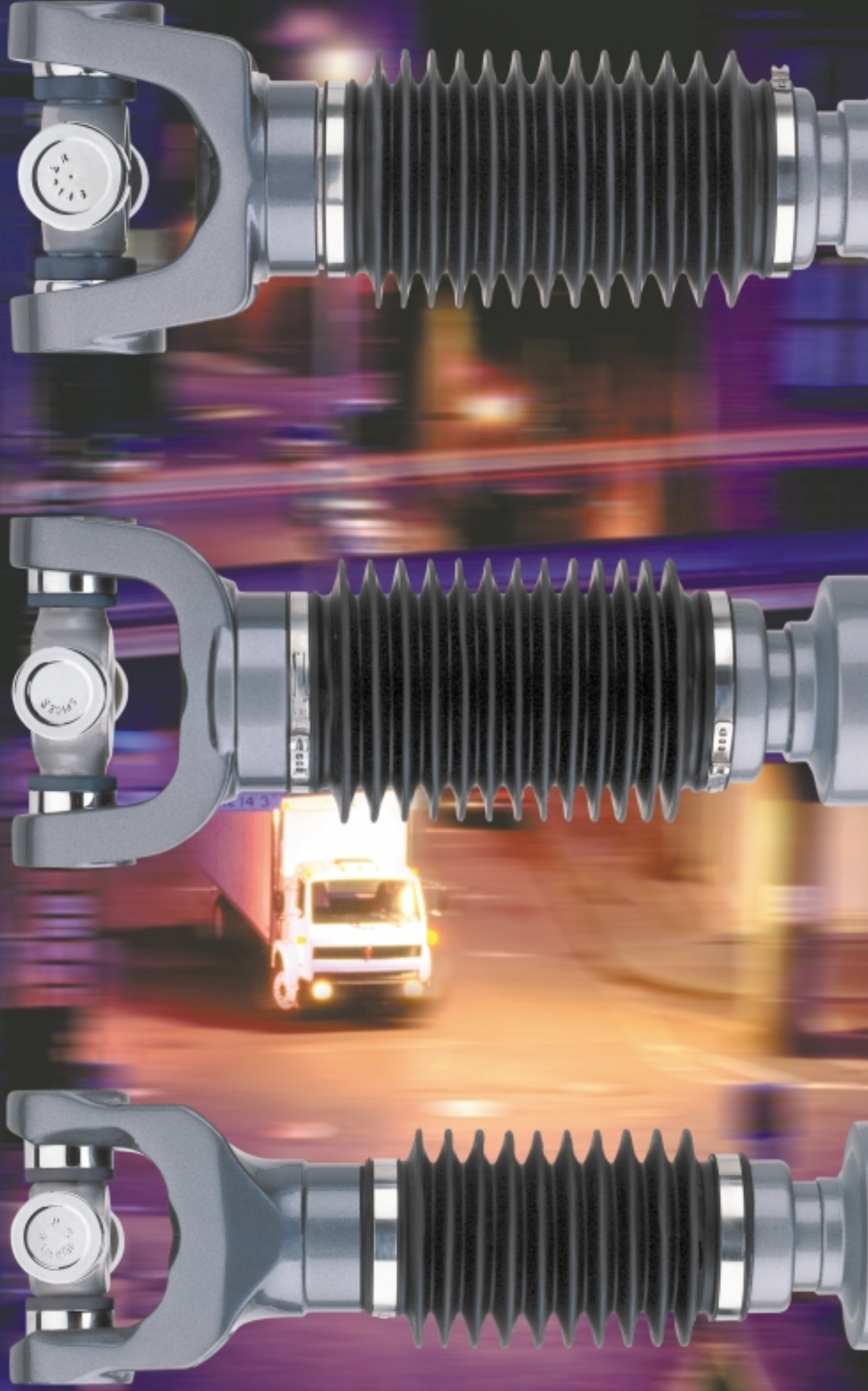
As the world leader in driveshafts and related components, we never stop looking for better solutions. We're dedicated to continually advancing driveline technology in all types of vehicles, all around the world.

That's why we've introduced the Medium Duty Spicer Life Series family of driveshafts. Designed to provide significantly enhanced performance and reduced maintenance requirements, this extension of our popular Heavy Duty Spicer Life Series line is a perfect fit for the demands of today's medium-duty truck market.

Our new Spicer Life Series 55, 70 and 100 driveshafts replace Spicer 1480, 1550, 1610 and SPL90 series driveshafts. In addition to the same reduced maintenance intervals and improved bearing package designs developed for our heavy-duty line, Spicer Life Series medium-duty driveshafts also feature our Quick Disconnect™ tube yoke. This innovative design features the same attachment configuration as our industry standard half round end yokes, but addresses the shipping and handling concerns of multi-piece assemblies. In addition, an optional Spicer Life XS™ U-joint offers zero maintenance operation for those applications requiring extended service.



# Medium-Duty Spicer Life Series® Driveshafts



**Ingenious Changes  
Yield Dramatic  
Improvements.**



## Improved Universal Joint Design

Spicer Life Series universal joints feature a thermoplastic thrust washer in the bearing cup. This prevents metal-to-metal contact between the cross and bearing cup bottom, reduces both operating temperature and friction, and virtually eliminates end galling—a cause of premature U-joint wear.

Plus, Spicer Life Series U-joint seals have been improved and are now available in two different designs. The standard Spicer Life double-lip sealing package requires lubrication every six months or 25,000 miles (whichever comes first)—increased from the previous three month/8,000 mile (city) lubrication interval. In addition, Spicer Life XS (extended service) U-joints offer a premium upgrade option with a triple-lip seal, permanent lubrication and zero maintenance over the life of the U-joint.







### Precision Balanced for Reduced NVH

Spicer Life Series components are designed to tighter balance specifications to reduce the possibility of vibration throughout the life of the product. A new involute spline eliminates looseness. The result is tighter-tolerance components and assembly builds with less clearance.

To further ensure proper balancing, the balance signal is now picked up directly from the bearing rather than the rubber isolator, eliminating distortion and improving sensor accuracy.

### Permanent Solutions to Periodic Maintenance

In the past, slip spline assemblies required regular lubrication every three months or 8,000 miles. But Spicer Life Series medium-duty driveshafts feature permanently lubricated and sealed slip spline assemblies, saving time and maintenance expense.

EATON FULLER TRANSMISSIONS | EATON FULLER CLUTCHES | DANA SPICER® DRIVESHAFTS | DANA SPICER® AXLES | DANA SPICER® BRAKES | EATON ABS | ROADRANGER SERVICE

# Spicer Life Series®

## The Best Drivetrain From Two Companies

Spicer Life Series medium- and heavy-duty driveshafts are integral components in the new Roadranger® drivetrain system, a state-of-the-art drivetrain offered in cooperation between Dana and Eaton.

## Building Momentum On A Global Scale

Higher performance. Longer life. Lower costs. All with globally integrated engineering standards to ensure our quality assemblies are applicable around the world.

### SPICER DRIVESHAFT LUBRICATION INTERVALS\*

SERIES	CITY	ON-HWY.	LINEHAUL	ON/OFF-HWY.
10-Series (1480 thru 1810 & SPL-90) Slip member also requires lubrication.	5,000/8,000 MI (8,000/12,800 Km) or 3 Months (whichever comes first)	10,000/15,000 MI (16,000/24,000 Km) or 3 Months (whichever comes first)	10,000/15,000 MI (16,000/24,000 Km) or 30 Days (whichever comes first)	5,000/8,000 MI (8,000/12,800 Km) or 3 Months (whichever comes first)
Standard U-joints Medium-Duty - Spicer Life Series® (SPL-55, 70 & 100) Booted & permanently lubricated slip member.	25,000 MI 40,000 Km or 6 Months (whichever comes first)	25,000 MI 40,000 Km or 6 Months (whichever comes first)	25,000 MI 40,000 Km or 6 Months (whichever comes first)	25,000 MI 40,000 Km or 6 Months (whichever comes first)
Spicer Life XS Medium-Duty - Spicer Life Series® (SPL-55, 70 & 100) Booted & permanently lubricated slip member.	No Maintenance Required	No Maintenance Required	No Maintenance Required	No Maintenance Required

\* Spicer Driveshaft Division recommends relubrication with Chevron Ultra-Duty EP-2 or a compatible grease meeting N.L.G.I. Grade 2 specifications with an operating range of +325°F/+163°C to -10°F/ -23°C.

**City** is defined as all applications that require a minimum of 90% of operation time within the city limits.

**On-Highway** is defined as all applications requiring less than 10% of operating time on gravel, dirt or unpaved roads.

**Linehaul** is defined as 100% of operation time on smooth concrete or asphalt.

**On/Off-Highway** is defined as all applications operating primarily on paved roads, but requiring more than 10% of operating time on gravel, dirt or unpaved roads.

**SPICER LIFE™**  
D R I V E S H A F T S

**SPICER LIFE XS™**  
U N I V E R S A L J O I N T S

Spicer Driveshaft . . . Dedicated to Total Quality and Continuous Improvement.

**SPICER®**



Discover other performance driveline & axles on our website.