

Roadranger®

Dana® Spicer® Single Reduction Tandem Axles

DSH40-(P)



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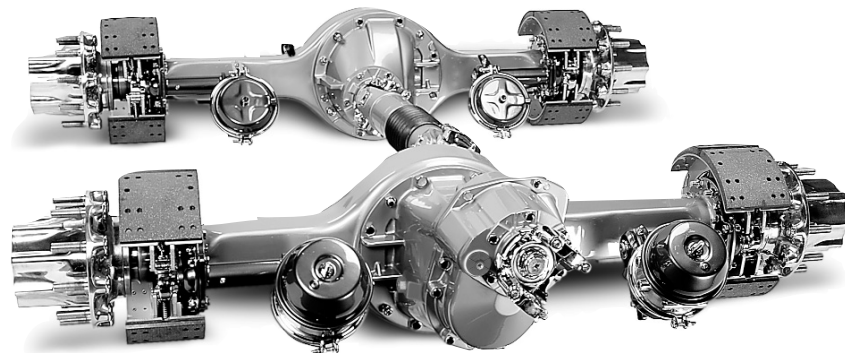
One Great Drivetrain from Two Great Companies

40,000 lbs.

More Power, More Life. Introducing the Dana® Spicer® High Performance-40™ Tandem Drive Axle.

HPD™ “High Power Density” design provides optimum axle performance with high torque, high horsepower engines in increased payload applications.

- Eliminates the requirement for strict drivetrain and engine control settings.
- Approved specifically for applications with engines up to 650 HP and 2050 lbs.ft.
- More than 400 lbs. lighter than typical 18” ring gear tandems for high torque applications.
- HPD™ design features:
 - Large 15.75” hypoid gearing for minimized weight, longer life, and greater capacity at higher loads.
 - Premium process, high strength alloy steel replaces standard components throughout torque carrying systems.
 - Higher capacity bearings for longer life at higher loads.
 - Thick wall, square-edge, high strength, axle housing design for today’s air-ride suspensions. Standard with induction hardened spindles.
- Patented Flow-Thru™ lube system to maximize lubrication for high performance applications.



HIGH PERFORMANCE-40

- Low Cost per Mile Features:
 - 500,000 mile lube drain interval with approved synthetic lube and Outrunner™ seal or LMS™ Hub System for linehaul applications.
 - Patented, no-maintenance axle venting system.
 - Exclusive Micro-Lip XL™ seal and slinger system keeps lube in and contamination out.
- Premium Dana Spicer LMS™ Hub System virtually eliminates wheel seal failures and bearing adjustment.
- Popular range of axle ratios from 3.08 to 4.88 to cover a variety of high performance applications.
- Backed by comprehensive Roadranger® service support – the best in the business.

Dana® Spicer® High Performance-40™ Tandem Axle Specifications

GAW Ratings:

MODELS

DSH40-(P) 40,000 lbs.

Available Ratios:

MODELS RATIOS

DSH40-(P) 3.08, 3.25, 3.36, 3.55, 3.70, 3.90, 4.11, 4.33, 4.63, 4.88

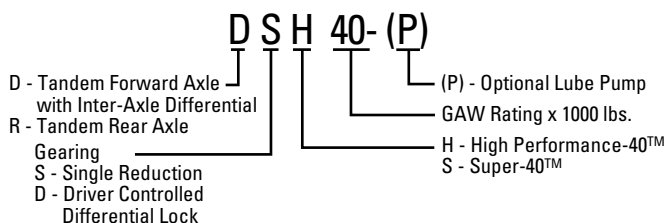
Dana® Spicer® 40,000 lb. On-Highway Tandems:

| AXLE MODEL | TYPICAL APPLICATION | MAX. ENGINE HORSEPOWER | MAX. ENGINE TORQUE (LBS.FT.) | MAX. GCW* LBS. |
|--|---|------------------------|------------------------------|-------------------|
| 404 Tandem Axles Model: DS404-(P) | Standard Fleet Vehicle | 475 550 | 1650 1850 | 110,000 80,000 |
| High Performance-40™ Model: DSH40-(P) | Owner/Operator & premium high horsepower & torque vehicles | 650 | 2050 | 110,000 |
| Super-40™ Tandem Model: DSS40-(P) | Highest GCW & torque vehicle configurations | 650 | 2050 | 140,000 |

Note: These ratings are general guidelines. Please refer to Spicer Application Guidelines, Item AXAG-0200, for detailed application information. Actual load rating varies with application duty cycle. Applications require Spicer Heavy Axle & Brake Division Engineering approval.

* Ratings indicated for line haul service applications.

Model Nomenclature:



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Roadranger®

MORE TIME ON THE ROAD

The Roadranger® System is an unbeatable combination of the best products from Eaton and Dana – partnering to provide you the most advanced, most trouble-free drivetrain in the industry. And it's backed by the Roadrangers – the most experienced, most expert, most accessible drivetrain consultants in the business.

For spec'ing or service assistance, call **1-800-826-HELP** (4357) 24 hours a day, 7 days a week, (Mexico: 001-800-826-4357) for more time on the road. Or visit our web site at www.roadranger.com.



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Printed in USA
AXSL-0014 9/03
2M/WP