

Spicer® Drive Axles



SPICER®
Drivetrain Products

Approved Lubricant Suppliers

FEBRUARY 2016

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General Information

Dana Lubrication Philosophy

In promoting component reliability and longevity, proper lubrication is the key to a sound and effective maintenance program. Without effective lubricants at proper levels, remaining maintenance procedures will not keep components functional.

We believe synthetic lubricants have proven to be superior to petroleum products and represent opportunities to promote superior maintenance and bottom line operating performance while significantly extending component service life and reliability.

Standard Fill Lubricants

Drive axle lubricants must meet a number of lubricant industry requirements. Refer to the charts in the Dana Lubrication Manual to select the proper lubricant.

Extended Drain Lubricants

Extended drain synthetic lubricants offer superior thermal and oxidative stability for extended product performance and reliability. The superior performance characteristics of these lubricants enable Dana to offer extended drain and extended warranties. Added benefits include more efficient drivetrain that translates into proven fuel economy savings over mineral based lubricants.

Important: Using extended drain synthetic lubricants is required to maintain Dana extended warranties.

It is important to use the lubricants that meet the current specifications set by Dana. Look for the appropriate approval code on the container.

Note: For additional information on Spicer® lubrication, see the Spicer Products Lubrication Manual.

Approved Lubricants

The following is a list of lubricants approved by Dana for use with the Spicer® drivetrain components. These lubricants have passed the appropriate performance specification for the type of service and lubrication drain interval.

If the drive axles are factory filled with approved lubricants, any top off lubricants must also be an approved lubricant in order to keep the extended warranty (if applicable) and extended drain interval intact.

Approved Lubricant Specifications for Extended Drain Intervals

DRIVE AXLE	
LUBRICANT SPECIFICATION	DRAIN INTERVAL
SHAES-256 Rev C	500,000 miles
SHAES-429 (vocational)	3 yr/180,000 miles

General Information

Lubrication Intervals

Linehaul – 500,000-Mile Extended Lube Drain Interval

The extended drain interval program applies to the Dana axles listed below that meet the following conditions:

- Heavy-duty and medium-duty axles
- Linehaul service (on-highway)
 - Lubricant Approval Levels:
 - Drive Axle – SHAES 256 Rev C
- Factory filled with lubricants approved for 500,000-mile drain cycles (US/Canada); 250,000 mi/400,000 km (outside US/Canada)
- Refer to charts listed in this manual for axle drain intervals when using “Extended Drain Lubricants.”
- Dana-approved lubricant must be used to keep the extended warranty in place. The extended drain program and any extended warranty program are separate programs.

Vocational – 180,000-Mile Extended Lube Drain Interval

- 180,000-mile or three (3)-year extended drain interval
- The approved lubricants may be factory installed at the truck manufacturer, or service filled up to 500 miles, and may remain in the drive axles for the 180,000-mile or three (3)-year drain interval (whichever comes first).

Lubricant approval levels:

- Axle – SHAES 256 Rev C or SHAES 429

Note: For specific detail on extended warranty programs, refer to the Dana Warranty Guide or call 1-877-777-5360.

Vehicle Application Definitions

Linehaul (on-highway)

- High mileage operation (over 60,000 miles [96,500 km] per year)
- On-highway or good to excellent concrete or asphalt
- More than 30 miles [48 km] between starting and stopping
- 4x2, 6x2, 6x4 tractor/trailer combinations and straight trucks
- Check fluid levels and inspect for leaks at regular preventative maintenance intervals, not to exceed 12,000 miles

VOCATIONAL

- Low mileage operation (under 60,000 miles [96,500 km] per year)
- Off-highway or areas of unstable or loose unimproved road surfaces
- Less than 30 miles [48 km] between starting and stopping
- Heavy-duty, off-road or specialized application type vehicles
- Check fluid levels and inspect for leaks every 50 hours

Warnings and Cautions

When switching between types of lubricants, all areas of each affected component must be thoroughly drained.

Do not introduce additives and friction modifiers.

Do not mix lubricants of different grades.

Do not mix mineral and synthetic lubricants.

Do not mix heavy-duty, multi-purpose lithium based (#2 grade) grease with sodium based grease.

Approved Lubricant Suppliers – United States

Dana-Approved Drive Axle Lubricants

Approved Lubricants: SHAES 256 Rev C (Axle/Linehaul); SHAES 429 (Axle/Vocational)

SUPPLIER	PRODUCT	USE
Dana Holding Corporation Spicer® Synthetic Lubricant P.O. Box 321 Toledo, OH 43697	Spicer® FE 75W-90 (Fuel Efficient) Spicer® Emgard XFE 75W-90 (Extra Fuel Efficient) Spicer® 80W-140 (Synthetic Axle Lube) spicerparts.com	Drive Axle Drive Axle Drive Axle
Allied Oil & Supply Company P.O. Box 3687 Omaha, NE 68103	Allied Mag Synthetic EP 75W-90 Allied Mag Synthetic EP 80W-140	Drive Axle Drive Axle (Vocational)
American Refining Group 77 North Kendall Avenue Bradford, PA 16701	Roadranger EP 75W-90 Roadranger EP 80W-140	Drive Axle Drive Axle (Vocational)
BASF Corporation 5051 Estecreek Drive Cincinnati, OH 45232	Emgard 75W-90 Synthetic Axle Lube Emgard FE 75W-90 Synthetic Axle Lube (Fuel Efficient) Emgard EP 80W-140 Synthetic Axle Lube	Drive Axle Drive Axle Drive Axle (Vocational)
Benz Oil 2724 West Hampton Milwaukee, WI 53209	Roadranger EP 75W-90 Roadranger EP 80W-140	Drive Axle Drive Axle (Vocational)
BP Lubricants USA, Inc. 1500 Valley Road Wayne, NJ 07470	Syn-Gear 75W-90 Syn-Gear 80W-140 Syntrax E 75W-90 Syntrax E 80 W-140	Drive Axle Drive Axle (Vocational) Drive Axle Drive Axle (Vocational)
CHS, Inc. 5500 Cenex Drive Inver Grove Heights, MN 55077	Maxtron GL SAE 75W-90 Maxtron GL Enviro-EDGE SAE 75W-90 (Fuel Efficient) Maxtron GL SAE 80W-140	Drive Axle Drive Axle Drive Axle (Vocational)
ConocoPhillips Company 600 North Dairy Ashford Road Houston, TX 77079	Kendall SHP® Synthetic Gear Lube 75W-90	Drive Axle
ConocoPhillips Company 600 North Dairy Ashford Road Houston, TX 77079	Triton Synthetic® Gear Lube 75W-90 Triton Synthetic® Gear Lube 80W-140	Drive Axle Drive Axle (Vocational)
Crane Carrier Co. 1919 North Sheridan Tulsa, OK 74115	Roadranger EP 75W-90	Drive Axle
CountryMark Cooperative LLP 5009 West 81st Street Indianapolis, IN 46268	Advantage Full Synthetic 75W-90 Advantage Full Synthetic 80W-140	Drive Axle Drive Axle (Vocational)
Daimler Truck N.A. 4747 N. Channel Avenue Portland, OR 97217-7699	Roadranger EP 75W-90 Roadranger FE 75W-90 (Fuel Efficient) Roadranger EP 80W-140	Drive Axle Drive Axle Drive Axle (Vocational)
Eaton Corporation Roadranger Synthetic Lubricants P.O. Box 4013 Kalamazoo, MI 49003-4013	Roadranger EP 75W-90 Roadranger FE 75W-90 Roadranger EP 80W-140	Drive Axle (Fuel Efficient) Drive Axle Drive Axle (Vocational)

Approved Lubricant Suppliers – United States

Dana-Approved Drive Axle Lubricants

Approved Lubricants: SHAES 256 Rev C (Axle/Linehaul); SHAES 429 (Axle/Vocational)

SUPPLIER	PRODUCT	USE
International Truck & Engine Corporation 5 Westbrook Corporate Center Westchester, IL 60154	Fleetrite Synthetic 75W-90 Gear Oil Fleetrite Synthetic 80W-140 Gear Oil	Drive Axle Drive Axle (Vocational)
Marathon Petroleum LLC 5009 West 81st Street Indianapolis, IN 46268	Marathon Full Synthetic 75W-90 Marathon Full Synthetic 80W-140	Drive Axle Drive Axle (Vocational)
PACCAR Parts 750 Houser Way North Renton, WA 98055	PACCAR Genuine 75W-90 PACCAR Genuine 80W-140	Drive Axle Drive Axle
Pennzoil P.O. Box 4427 Houston, TX 77210	Pennzoil Long Life Syn Gear EW 75W-90 (Fuel Efficient) Pennzoil Long Life EW 75W-90 Pennzoil Long Life EW 80W-140	Drive Axle Drive Axle Drive Axle (Vocational)
Pinnacle Oil, Inc. 5009 West 81st Street Indianapolis, IN 46268	National Full Synthetic 75W-90 National Full Synthetic 80W-140	Drive Axle Drive Axle (Vocational)
Rosemead Oil Products 12402 Los Nietos Road Sante Fe Springs, CA 90670	Premium Express SAE 75W-90 Gear Oil	Drive Axle
Schaeffer Manufacturing Company 102 Barton Street St. Louis, MO 63104	Schaeffer 741 Synthetic Lube 70W-90 E/A Schaeffer 740 Synthetic Lube 80W-140 E/A	Drive Axle Drive Axle (Vocational)
Sea Land 868 Corporate Way West Lake, OH 44145	Roadranger EP 75W-90 Roadranger EP 80W-140	Drive Axle Drive Axle (Vocational)
Shell International Petroleum Company Ltd. P.O. Box 4427 Houston, TX 77210	Shell SPIRAX® ASX R 75W-90 (Fuel Efficient) Shell SPIRAX® S6 AXRME 75W-90 (Fuel Efficient) Shell SPIRAX® EW 75W-90 Shell SPIRAX® EW 80W-140 Shell SPIRAX® ASX 80W-140 Shell SPIRAX® S6 AXME 80W-140	Drive Axle Drive Axle Drive Axle Drive Axle (Vocational) Drive Axle (Vocational) Drive Axle (Vocational)
Total Lubricants USA Southwest, LLC 400 Chisholm Place, Suite 418 Plano, TX 75075	Transmission XRD FE 75W-90 (Fuel Efficient) Transmission SYN NA 75W-90 Transmission SYN NA 80W-140	Drive Axle Drive Axle Drive Axle (Vocational)
Valvoline, Inc. A Subsidiary of Ashland Oil, Inc. 3499 Blazer Parkway Lexington, KY 40512	Valvoline HD Synthetic Gear Oil EP 75W-90 Valvoline HD Synthetic Gear Oil EP 80W-140	Drive Axle Drive Axle (Vocational)
Volvo Trucks North America 7900 National Service Road Greensboro, NC 27409	Roadranger EP 75W-90 Drive Axle Roadranger FE 75W-90 (Fuel Efficient) Roadranger EP 80W-140	Drive Axle Drive Axle Drive Axle (Vocational)

Approved Lubricant Suppliers – United States

Other Approved Lubricants Marketers of approved fluids meeting the Dana Extended Drain Specifications.

Approved Lubricants: SHAES 256 Rev C (Axle/Linehaul); SHAES 429 (Axle/Vocational)

SUPPLIER	PRODUCT	USE
Dana Holding Corporation Spicer® Synthetic Lubricant P.O. Box 321 Toledo, OH 43697	Spicer® Emgard XFE 75W-90 (Extra Fuel Efficient) Spicer® 80W-140 (Synthetic Axle Lube) spicerparts.com	Drive Axle Drive Axle
American AGIP 539 Marwood Road Cabot, PA 16023	Syngear EP 75W-90 AGIP Syngear EP 5/6	Drive Axle Drive Axle (Vocational)
Chevron Products Company 6001 Bollinger Canyon Road San Ramon, CA 94583-0729	Chevron Delo Synthetic Gear Lube 75W-90	Drive Axle
Citgo Petroleum Corporation P.O. Box 3758 One Warren Place Tulsa, OK 74102	Citgo Synthetic Gear Lube 75W-90 Citgo Synthetic Gear Lube 80W-140	Drive Axle Drive Axle (Vocational)
D-A Lubricant Company 1340 West 29th Street Indianapolis, IN 46208	D-A SynSure™ 75W-90 D-A SynSure™ 80W-140	Drive Axle Drive Axle (Vocational)
David Weber Oil Co. 601 Industrial Road Calstadt, NJ 07072	Gibraltar Synthetic Gear Lube 75W-90 Gibraltar Synthetic Gear Lube 80W-140	Drive Axle Drive Axle (Vocational)
ExxonMobil Fuels, Lubricants & Specialties 22777 Springwoods Village Parkway Spring, TX 77389	Mobil Delvac 1 Gear Oil 75W-90 Mobil Delvac 1 Gear Oil 80W-140	Drive Axle Drive Axle (Vocational)
Industrial Oils Unlimited P.O. Box 3066 Tulsa, OK 74101	Hi-Tek Synthetic SAE 75W-90 Hi-Tek Synthetic SAE 80W-140	Drive Axle Drive Axle (Vocational)
Junnell Corporation 420 Imperial Court Bensalem, PA 19020	Advantage 75W-90 Synthetic Gear Oil Advantage 80W-140 Synthetic Gear Oil	Drive Axle Drive Axle (Vocational)
Lee Helms Inc. P.O. Box 6100 Chesterfield, MO 63006	Triden Syn Gear 75W-90 Drive Axle Triden Syn Gear 80W-140	Drive Axle Drive Axle (Vocational)
Mack Truck Company 7900 National Service Road Greensboro, NC 27409	Bulldog Syn Gear Lube SAE 75W-90	Drive Axle
Mystik Lubricants Houston, TX	SX-7000 75W-90 SX-7000 80W-140	Drive Axle Drive Axle (Vocational)
Northland Products Company P.O. Box 418 100 Rainbow Drive Waterloo, IA 50701	Northland Synergy Synthetic Gear Lube EP 70W-90 Northland Synergy Synthetic Gear Lube EP 80W-140	Drive Axle Drive Axle (Vocational)
Royal MFG Company LP 516 South 25th West Avenue Tulsa, OK 74101	Monarch SynGear Plus SAE 75W-90 Monarch SynGear Plus SAE 80W-140	Drive Axle Drive Axle (Vocational)

Approved Lubricant Suppliers – United States

Other Approved Lubricants Marketers of approved fluids meeting the Dana Extended Drain Specifications.

Approved Lubricants: SHAES 256 Rev C (Axle/Linehaul); SHAES 429 (Axle/Vocational)

SUPPLIER	PRODUCT	USE
Texas Refinery Corporation P.O. Box 711 Fort Worth, TX 76101	Syntex 2700 Gear 75W-90 Syntex 2700 Gear 80W-140	Drive Axle Drive Axle (Vocational)
Volvo Trucks North America 7900 National Service Road Greensboro, NC 27409	Volvo Synthetic Gear Oil 75W-90	Drive Axle
Warren Oil Company, Inc. 434 Riverside Drive San Antonio, TX 78210	Autoguard Fleet Synthetic 75W-90	Drive Axle
Warren Oil Company, Inc. 34 Riverside Drive San Antonio, TX 78210	Lubriguard Heavy Duty Synthetic 75W-90	Drive Axle
Warren Oil Company, Inc. 434 Riverside Drive San Antonio, TX 78210	Service Pro Synthetic 75W-90 Service Pro Synthetic 80W-140	Drive Axle Drive Axle (Vocational)

Approved Lubricant Suppliers – Canada

Dana-Approved Drive Axle Lubricants

Approved Lubricants: SHAES 256 Rev C (Axle/Linehaul); SHAES 429 (Axle/Vocational)

SUPPLIER	PRODUCT	USE
Dana Holding Corporation Spicer® Synthetic Lubricant P.O. Box 321 Drive Axle Toledo, OH 43697	Spicer® FE 75W-90 (Fuel Efficient) Spicer® Emgard XFE 75W-90 (Extra Fuel Efficient) Spicer® 80W-140 (Synthetic Axle Lube) spicerparts.com	Drive Axle Drive Axle Drive Axle
1 Verco International Inc. (formerly April Super Flo) 9 Rue Beland l'Isle-Verte, QC GOL 1K0	Superpro Syn Gear 75W-90	Drive Axle
BASF Canada Corporation 2290 Argentinia Road Mississauga, ON L5N 6H9	Roadranger EP 75W-90 Roadranger FE 75W-90 (Fuel Efficient) Roadranger EP 80W-140	Drive Axle Drive Axle Drive Axle (Vocational)
Castrol Heavy Duty Lubricants, Inc.	Syn-Gear 75W-90 Syn-Gear 80W-140 Syntrax E 75W-90 Syntrax E 80 W-140	Drive Axle Drive Axle (Vocational) Drive Axle Drive Axle (Vocational)
Eaton Corporation Roadranger Synthetic Lubricants P.O. Box 4013 Kalamazoo, MI 49003-4013	Roadranger EP 75W-90 Roadranger FE 75W-90 (Fuel Efficient) Roadranger EP 80W-140	Drive Axle Drive Axle Drive Axle (Vocational)
Federated Co-operatives Ltd. Regina, SK S4N 7L5	Sonic MP Gear Oil 75W-90	Drive Axle
Fuchs Lubricants Canada Ltd. 19829-99A Langley, BC V1M 3G4	Titan Syndrive 75W-90	Drive Axle
Gulf Oil International	Gulf Syngear HD 75W-90 Gulf Syngear FE 75W-90 (Fuel Efficient) Gulf Syngear HD 80W-140	Drive Axle Drive Axle Drive Axle (Vocational)
International Truck & Engine Corporation 5 Westbrook Corporate Center Westchester, IL 60154	Fleetrite Synthetic 75W-90 Gear Oil Fleetrite 80W-140 Gear Oil	Drive Axle Drive Axle (Vocational)
Irving Oil Limited Saint John, NB E2L 4K1	HDH Synthetic 75W-90	Drive Axle
Mack Trucks Canada 5600A Cancross Court Mississauga, ON L5R 3E9	Roadranger 75W-90	Drive Axle
NemCo Resources Limited 25 Midland Street Winnipeg, MB R3E 3J6	NEMCO Syngear 75W-90	Drive Axle
Pennzoil P.O. Box 4427 Houston, TX 77210	Pennzoil Long Life Syn Gear EW 75W-90 (Fuel Efficient) Pennzoil Long Life EW 75W-90 Pennzoil Long Life EW 80W-140	Drive Axle Drive Axle Drive Axle (Vocational)

Approved Lubricant Suppliers – Canada

Dana-Approved Drive Axle Lubricants

Approved Lubricants: SHAES 256 Rev C (Axle/Linehaul); SHAES 429 (Axle/Vocational)

SUPPLIER	PRODUCT	USE
Petro-Canada Lubricants Centre 2489 North Sheridan Way Mississauga, ON L5K 1A8	Traxon E Synthetic 75W-90 Traxon E Synthetic 80W-140	Drive Axle Drive Axle (Vocational)
Shell International Petroleum Company Ltd. 400 - 4th Avenue SW P.O. Box 100, Station M Calgary, AB T2P 2H5	Shell SPIRAX® ASX R 75W-90 (Fuel Efficient) Shell SPIRAX® S6 AXRME 75W-90 (Fuel Efficient) Shell SPIRAX® EW 75W-90 Shell SPIRAX® EW 80W-140 Shell SPIRAX® ASX 80W-140 Shell SPIRAX® S6 AXME 80W-140	Drive Axle Drive Axle Drive Axle Drive Axle (Vocational) Drive Axle (Vocational) Drive Axle (Vocational)
Total Lubricants Canada 220 Avenue Lafleur Ville La Salle, QC H8R 4C9	Transmission SYN FE 75W-90 (Fuel Efficient) Transmission SYN NA 75W-90 Transmission SYN NA 80W-140	Drive Axle Drive Axle Drive Axle (Vocational)
Ultramar Ltd. 2200 McGill College Montreal, QC H3A 3L3	Ultramar Synthetic 75W-90	Drive Axle
Valvoline, Inc. A Subsidiary of Ashland Oil, Inc. 3499 Blazer Parkway Lexington, KY 40512	Valvoline HD Synthetic Gear Oil EP 75W-90 Valvoline HD Synthetic Gear Oil EP 80W-140	Drive Axle Drive Axle (Vocational)
Volvo Trucks Canada 5600A Cancross Court Mississauga, ON L5R 3E9	Roadranger 75W-90	Drive Axle

Other Approved Lubricants Marketers of approved fluids meeting the Dana Extended Drain Specifications.

SUPPLIER	PRODUCT	USE
Chevron Products Company 6001 Bollinger Canyon Road San Ramon, CA 94583-0729	Chevron Delo Synthetic Gear Lube 75W-90	Drive Axle
Imperial Oil 237 Fourth Avenue SW Calgary, AB T2P 3M9	Mobil Delvac 1 Gear Oil 75W-90 Mobil Delvac 1 Gear Oil 80W-140	Drive Axle Drive Axle (Vocational)
Mr. Lube International Calgary, AB T2E 2L5	Roadranger 75W-90 Roadranger 80W-140	Drive Axle Drive Axle (Vocational)

Approved Lubricant Suppliers – Mexico

Dana-Approved Drive Axle Lubricants

Approved Lubricants: SHAES 256 Rev C (Axle/Linehaul); SHAES 429 (Axle/Vocational)

SUPPLIER	PRODUCT	USE
Dana Holding Corporation Spicer® Synthetic Lubricant P.O. Box 321 Drive Axle Toledo, OH 43697	Spicer® FE 75W-90 (Fuel Efficient) Spicer® Emgard XFE 75W-90 (Extra Fuel Efficient) Spicer® 80W-140 (Synthetic Axle Lube) spicerparts.com	Drive Axle Drive Axle Drive Axle
Bardahl de Mexico S.A. de C.V.	Bardahl Gear Oil Fully Syn GL-5 SAE 75W-90 Bardahl Gear Oil Fully Syn SAE 80-140	Drive Axle Drive Axle (Vocational)
BASF Canada Corporation 2290 Argentia Road Mississauga, ON L5N 6H9	Roadranger EP 75W-90 Roadranger FE 75W-90 (Fuel Efficient) Roadranger EP 80W-140	Drive Axle Drive Axle Drive Axle (Vocational)
Comercial Roshfrans, S.A. de C.V. Av. Othón de Mendizábal Ote. 484 Nueva Industrial Vallejo Del. Gustavo A. Madero, México D.F. C.P. 07700	Aceite Gear Max SAE 80W-140	Drive Axle
Eaton Corporation Roadranger Synthetic Lubricants P.O. Box 4013 Kalamazoo, MI 49003-4013	Roadranger EP 75W-90 Roadranger FE 75W-90 (Fuel Efficient) Roadranger EP 80W-140	Drive Axle Drive Axle Drive Axle (Vocational)
Gulf Oil International	Gulf Syngear HD 75W-90 Gulf Syngear FE 75W-90 (Fuel Efficient) Gulf Syngear HD 80W-140	Drive Axle Drive Axle Drive Axle (Vocational)
International Truck & Engine Corporation 5 Westbrook Corporate Center Westchester, IL 60154	Fleetrite Synthetic 75W-90 Gear Oil Fleetrite 80W-140 Gear Oil	Drive Axle Drive Axle (Vocational)
Mexicana de Lubricantes S.A. de C.V. Akron Av. 8 de Julio 2270 Zona Industrial Guadalajara, Jalisco Mexico 44940	Vector S MTF SAE 50 Akron Vector H Axle 80W-140	Drive Axle (Vocational) Drive Axle (Vocational)
PACCAR Parts 750 Houser Way North Renton, WA 98055	PACCAR Genuine 75W-90 PACCAR Genuine 80W-140	Drive Axle Drive Axle
Pennzoil P.O. Box 4427 Houston, TX 77210	Pennzoil Long Life Syn Gear EW 75W-90 (Fuel Efficient) Pennzoil Long Life EW 75W-90 Pennzoil Long Life EW 80W-140	Drive Axle Drive Axle Drive Axle (Vocational)
Raloy Lubricantes S.A. de C.V. Apdo Postal 43/Av. Del Convento 111 Parque Industrial Santiago Tianguistenco Mexico 52600	Raloy Transintex Plus EP 75W-90 Raloy Transintex Plus EP 80W-140	Drive Axle Drive Axle (Vocational)

Approved Lubricant Suppliers – Mexico

Dana-Approved Drive Axle Lubricants

Approved Lubricants: SHAES 256 Rev C (Axle/Linehaul); SHAES 429 (Axle/Vocational)

SUPPLIER	PRODUCT	USE
Shell International Petroleum Company Ltd. P.O. Box 4427 Houston, TX 77210	Shell SPIRAX® ASX R 75W-90 (Fuel Efficient)	Drive Axle
	Shell SPIRAX® S6 AXRME 75W-90 (Fuel Efficient)	Drive Axle
	Shell SPIRAX® EW 75W-90	Drive Axle
	Shell SPIRAX® EW 80W-140	Drive Axle (Vocational)
	Shell SPIRAX® ASX 80W-140	Drive Axle (Vocational)
Synergy Additives Company S.A. de C.V. Calle 7 #289 Colonia Aldana C.P. 02910 Mexico DF	Synergy Syntech 75W-90	Drive Axle
	Synergy Syntech 80W-140	Drive Axle (Vocational)

Other Approved Lubricants Marketers of approved fluids meeting the Dana Extended Drain Specifications.

SUPPLIER	PRODUCT	USE
ExxonMobil Fuels, Lubricants & Specialties 22777 Springwoods Village Parkway Spring, TX 77389	Mobil Delvac 1 Gear Oil 75W-90	Drive Axle
	Mobil Delvac 1 Gear Oil 80W-140	Drive Axle (Vocational)
Productos Chevron Texaco Mexico, S. de R.L. de C.V. Blvd. Manuel A. Camacho #36/20th Floor Lomas de Chapultepec, Mexico City, 11000	Chevron DELO Synthetic Transmission Fluid SAE 50 Drive Axle	Drive Axle
	Chevron DELO Synthetic Gear Lube 75W-90	

Approved Lubricant Suppliers – South America

Dana-Approved Drive Axle Lubricants

Approved Lubricants: SHAES 256 Rev C (Axle/Linehaul); SHAES 429 (Axle/Vocational)

SUPPLIER	PRODUCT	USE
Dana Holding Corporation Spicer® Synthetic Lubricant P.O. Box 321 Drive Axle Toledo, OH 43697	Spicer® FE 75W-90 (Fuel Efficient) Spicer® Emgard XFE 75W-90 (Extra Fuel Efficient) Spicer® 80W-140 (Synthetic Axle Lube) spicerparts.com	Drive Axle Drive Axle Drive Axle
BASF Brazil Ltda. Av. Das Nações Unidas 10.989 - 4º andar 04578000 São Paulo SP Brazil	Roadranger EP 75W-90 Roadranger FE 75W-90 (Fuel Efficient) Roadranger EP 80W-140	Drive Axle Drive Axle Drive Axle (Vocational)
BASF Brazil Ltda. Av. Das Nações Unidas 10.989 - 4º andar 04578000 São Paulo SP Brazil	Emgard 75W-90 Synthetic Axle Lube Emgard FE 75W-90 Synthetic Axle Lube (Fuel Efficient) Emgard EP 80W-140 Synthetic Axle Lube	Drive Axle Drive Axle Drive Axle (Vocational)

Approved Lubricant Suppliers – Australia/ New Zealand

Dana-Approved Drive Axle Lubricants

Approved Lubricants: SHAES 256 Rev C (Axle/Linehaul); SHAES 429 (Axle/Vocational)

SUPPLIER	PRODUCT	USE
Dana Holding Corporation Spicer® Synthetic Lubricant P.O. Box 321 Drive Axle Toledo, OH 43697	Spicer® FE 75W-90 (Fuel Efficient) Spicer® Emgard XFE 75W-90 (Extra Fuel Efficient) Spicer® 80W-140 (Synthetic Axle Lube) spicerparts.com	Drive Axle Drive Axle Drive Axle
BASF Australia Pty. Ltd. 4 Saligna Drive Tullamarine, VIC 3043	Emgard 75W-90 Synthetic Axle Lube Emgard FE 75W-90 Synthetic Axle Lube (Fuel Efficient) Emgard EP 80W-140 Synthetic Axle Lube	Drive Axle Drive Axle Drive Axle (Vocational)
Caltex Oil Pty. Ltd. 167-187 Kent Street Sidney, NSW 2001 Australia	SYNSTAR GL 75W-90	Drive Axle
Castrol Australia Pty. Ltd. P.O. Box 100 Guilford, NSW 2161 Australia	SYNTRAX E 80W-140	Drive Axle
Eaton Corporation Roadranger Synthetic Lubricants P.O. Box 4013 Kalamazoo, MI 49003-4013	Roadranger EP 75W-90 Roadranger FE 75W-90 (Fuel Efficient) Roadranger EP 80W-140	Drive Axle Drive Axle Drive Axle (Vocational)
Fuchs Lubricants Australia	Titan Gear Synthetic 80W-140	Drive Axle (Vocational)
Mobil Oil Australia Pty. Ltd. Dockside, 29 Francis Street Yarraville, Melbourne, VIC 3013 Australia	Mobilube SHC 75W-90	Drive Axle
Shell Company of Australia Ltd.	Shell SPIRAX® ASX R 75W-90 (Fuel Efficient) Shell SPIRAX® S6 AXRME 75W-90 (Fuel Efficient) Shell SPIRAX® ASX 80W-140 Shell SPIRAX® S6 AXME 80W-140	Drive Axle Drive Axle (Vocational) Drive Axle (Vocational) Drive Axle (Vocational)
Valvoline Australia Pty. Ltd. 30 Davis Road Wetherill Park, NSW 2164	Valvoline H.D. Synthetic Gear Oil 75W-90 Valvoline H.D. Synthetic Gear Oil 80W-140	Drive Axle Drive Axle (Vocational)

Approved Lubricant Suppliers – India

Dana-Approved Drive Axle Lubricants

Approved Lubricants: SHAES 256 Rev C (Axle/Linehaul); SHAES 429 (Axle/Vocational)

SUPPLIER	PRODUCT	USE
Dana Holding Corporation Spicer® Synthetic Lubricant P.O. Box 321 Drive Axle Toledo, OH 43697	Spicer® FE 75W-90 (Fuel Efficient) Spicer® Emgard XFE 75W-90 (Extra Fuel Efficient) Spicer® 80W-140 (Synthetic Axle Lube) spicerparts.com	Drive Axle Drive Axle Drive Axle
BASF GmbH Liaison Office 701 Regent Chambers Narimon Point Mumbai - 40021, India	Roadranger EP 75W-90 Roadranger FE 75W-90 (Fuel Efficient) Roadranger EP 80W-140	Drive Axle Drive Axle Drive Axle (Vocational)
Eaton Corporation Roadranger Synthetic Lubricants P.O. Box 4013 Kalamazoo, MI 49003-4013	Roadranger EP 75W-90 Roadranger FE 75W-90 (Fuel Efficient) Roadranger EP 80W-140	Drive Axle Drive Axle Drive Axle (Vocational)
Gulf Oil International	Gulf Syngear HD 75W-90 Gulf Syngear FE 75W-90 (Fuel Efficient) Gulf Syngear HD 80W-140	Drive Axle Drive Axle Drive Axle (Vocational)

For spec'ing or service assistance, call 1-877-777-5360 or visit our website at www.dana.com

Dana Commercial Vehicle Products Group
3939 Technology Drive
Maumee, Ohio, USA 43537

www.dana.com



SPICER[®]

Drivetrain Products

Application Policy

Capacity ratings, features, and specifications vary depending upon the model and type of service. Application approvals must be obtained from Dana; contact your representative for application approval. We reserve the right to change or modify our product specifications, configurations, or dimensions at any time without notice.

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