

Product Description

D-A SynSure 2[™] synthetic lubricants are transportation industry-oriented gear oils which focus on the critical needs of heavy-duty truck transmissions and differentials. D-A SynSure 2 provides superior lubricant protection in the most severe service, including sub-arctic to desert conditions. SynSure 2 is ideal for use in truck transmissions and axles operating in standard drain service or in "out-of-warranty" situations.

D-A SynSure 2[™] out-performs conventional gear lubricants to promote longer gear life and better equipment operating economy.

Product Features and Benefits

D-A SynSure 2[™] SAE 75W-90 and SAE 80W-140

Extreme pressure GL-5 synthetic gear lubricants providing excellent lubricant flow at all operating temperatures, including sub-zero service.

Contain extreme pressure additives as well as rust and oxidation inhibitors to provide superior gear and bearing protection under a wide range of operating conditions.

Extremely high film strength and outstanding low temperature performance ensure extra gear life in the toughest service.

Resist oxidation even during the hottest climatic conditions to last significantly longer than conventional gear oils.

D-A SynSure 2[™] SAE 50

An SAE 50 heavy-duty manual transmission lubricant containing all synthetic components to extend lubricant service life and transmission drain intervals. Superior lubricating and frictional characteristics improve fuel mileage and give better operating performance when used in manual transmissions.

Provides excellent performance over a wide temperature range including sub-zero service, promoting smoother, easier shifting.

The additive package provides corrosion protection and is safe for bronze, copper and steel components.

PRODUCT AT A GLANCE

SAE 75W-90 and SAE 80W-140

- GL-5 Gear Oils
- Use in Heavy Duty Truck Transmissions and Differentials
- Severe Service, Extreme Temperature Gear Oils
- Synthetic

SAE 50

- Manual Transmission lubricant
- Synthetic Non-EP Gear Oil



D-A Lubricant Company, Inc.

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Typical Applications

D-A SynSure 2™ SAE 75W-90 and SAE 80W-140

Heavy duty manual transmissions, axles and final drives requiring API GL-5 & MT-1 performance.

On-highway light and heavy-duty trucks, buses and vans.

Off-highway equipment including: construction, mining, quarrying and agriculture.

Heavy-duty industrial gear drives including hypoid gears.

Differentials, final drives, transfer cases and other gear applications where lubricants meeting SAE J2360 (MIL-PRF-2105E), API Service GL-5, EP gear lubricants are recommended.

Recommended for equipment such as winch reduction gears and crawler vehicle propulsion gear drives that are exposed to severe low temperatures.

Use as a companion with D-A SynSure SAE 50 in transmissions for maximum drivetrain life and fuel economy improvement.

Recommended where extended service intervals are required.

D-A SynSure 2™ SAE 50

Heavy duty manual transmissions where extended service intervals are required.

On-highway commercial light and heavy duty trucking, buses and vans.

Off-highway equipment including: construction, mining and agriculture.

Use as a companion with D-A SynSure SAE 75W-90 and SAE 80W-140 in rear axles for maximum component life, service efficiently, and fuel economy improvement.

Meets or Exceeds Industry Specifications:

D-A SynSure 2™ SAE 75W-90: API GL-5/MT-1; Scania STO 1:0; Arvin Meritor O-76N; Eaton Axle PS-163; Eaton Roadranger E500/SHAES256 RevC; International TMS-6816; Mack GO-J Plus; Mack GO-J; SAE J2360 (MIL-E)

D-A SynSure 2™ SAE 80W-140: API GL-5/MT-1; Scania STO 1:0; API GL-4/MT-1; Arvin Meritor O-76N; Eaton Axle PS-163; Eaton Roadranger Extended Drain (E500) PS 164/081; Eaton Roadranger E500/SHAES256 RevC; International TMS-6816; Mack GO-J Plus; Mack GO-J; Mack TO-A Plus; SAE J2360 (MIL-E)

D-A SynSure 2™ SAE 50: API MT-1, GL-1; Arvin Meritor (Rockwell) O-81; Eaton PS-164 and PS-081; International TMS 6816; Mack TO-A

Typical Properties

SAE Grade	SAE J-306	75W-90	80W-140	50
Viscosity				
@ 100° C,cSt	ASTM D445	16.2	29.0	17.6
@ 40° C,cSt	ASTM D445	111	255	120
Viscosity Index	ASTM D2270	156	150	162
Pour Point, °C (°F)	ASTM D97	-46 (-51)	-36 (-33)	<-47 (-53)
Flash Point, °C (°F)	ASTM D92	210 (410)	210 (410)	225 (437)
Specific Gravity @ 60°F	ASTM D1298	n/a	n/a	0.910
Four Ball Wear @ 40kg	ASTM D2266	0.35	0.45	n/a
FZG, stage, pass	ASTM D5182	n/a	n/a	10
Demulsibility, @ 82°C	ASTM D1401	40/40/0 (7)	40/40/0 (9)	n/a
@ 54°C	ASTM D1401	40/40/0 (25)	40/40/0 (25)	n/a
	Drum	14612	14622	14602
	Quarter Drum	14616	14626	14606
	Pail	14618	14628	14608



To Order D-A Products, Call 1-800-OIL-LUBE (1-800-645-5823) or Fax orders to 765-482-3065

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