

Product Description

D-A **SynSure**™ synthetic lubricants are transportation industry-oriented gear oils which focus on the critical needs of heavy-duty truck axles and differentials. D-A **SynSure**™ provides superior lubricant protection in the most severe service, including sub-arctic to desert conditions. **SynSure**™ is ideal for use in truck differentials and axles operating with equipment manufacturer extended warranties in extended drain service. D-A **SynSure**™ out-performs conventional gear lubricants to promote longer gear life and better equipment operating economy.

Product Features and Benefits

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

Extreme Pressure API GL-5 synthetic gear lubricants provide excellent lubricant flow at all operating temperatures, including sub-zero service. (SAE 75W-90)

Contains 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.

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

Exceptional shear stability retains viscosity and film strength under severe operating conditions to prevent wear.

Enhanced friction reduction properties improve fuel economy and reduce operating costs.

Typical Applications

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

Heavy duty 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, quarry applications 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.

Recommended where extended service intervals and warranties are required.

Approvals

D-A SynSure™ SAE 75W-90: API GL-5 / MT-1; ArvinMeritor 076-N; Dana SHAES 256 Rev C, SHAES 429; International TMS 6816; Mack GO-J Plus; MIL-PRF-2105E / SAE J2360

D-A SynSure™ SAE 80W-140: API GL-5 / MT-1; ArvinMeritor 0-76-B (petroleum), 0-80 (synthetic); Dana SHAES 429; International TMS-6816; Mack GO-J; MIL-PRF-2105E / SAE J2360

Typical Properties

SAE Viscosity Grade	J306	75W-90	80W-140
Viscosity @ 100°C, cSt	ASTM D445	15.0	30.6
@ 40°C, cSt	ASTM D445	103	284
Viscosity Index	ASTM D2270	152	146
Pour Point, °F (°C)	ASTM D97	-44 (-42)	-27 (-33)
Flash Point, °F (°C)	ASTM D92	420 (215)	405 (207)
Density @ 60°F, lbs/gal	ASTM D1298	7.39	N/A
FZG Test, Pass Stage	ASTM D5182	12	12
Copper Strip Corrosion	ASTM D130	1a pass	1a pass

D-A Part Number:

Bulk	14421	14451
Drum – 55 Gal	14422	14452
Qtr Drum – 16 Gal	14426	N/A
Pail (Plastic) - 5 Gal	14428	14458