

Delo® Syn-Gear XDM

Extreme Pressure Automotive Synthetic Gear Oil



Product description

Delo® Syn-Gear XDM are premium performance, synthetic-based, EP gear lubricants meeting API GL-5 and MT-1. They are designed to provide excellent year-round performance and protection in automotive gear applications over a very wide temperature range and under extended drain operation.

Customer benefits and product features

Customer benefits

- **Reduces maintenance costs**
Outstanding thermal and oxidative stability reduces deposit formation under severe operating conditions. This keeps gears and bearings cleaner, preventing oil film disruption which can result in increased wear rates.
- **Wide temperature range application**
Excellent low temperature flow properties and outstanding high temperature stability provide gear and bearing protection under the most severe operating conditions all year round.
- **Maximizes equipment life**
Exceptional thermal stability, combined with an advanced EP system and corrosion inhibitors, maximizes life of gear surfaces, bearings and seals.
- **Reduced disposal costs**
Extended service interval enables reduction in the quantity of used lubricant requiring disposal.

Applications

- On-road axle and differential applications where operating conditions are severe or where equipment must operate in extremely hot or cold climates
- Axle assemblies and final drives in off-road construction, mining and agricultural equipment where very hot or very cold conditions are encountered
- Extended drain gear oil applications in on-road and off-road heavy-duty equipment
- Industrial gear applications where automotive EP gear lubricants are recommended

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Product approvals, performance and recommendations

Performance standards

Delo Syn-Gear XDM lubricants meet and exceed the requirements of API Service Categories GL-4, GL-5 and MT-1. In addition, they are approved for:

- **Dana** SHAES 256 REV C (SAE 75W-90 only)
- **Meritor** 0-76 Extended Drain
- **SAE** J2360 (formerly MIL-PRF 2105E)
- **STEMCO** PPS+ and PPS wheel end systems (SAE 75W-90 only)

Delo Syn-Gear XDM approvals apply to both viscosity grades unless indicated otherwise. In addition, Delo Syn-Gear XDM SAE 80W-140 meets the requirements of Dana SHAES 256 REV A. Delo Syn-Gear XDM SAE 75W-90 is recommended for **Dana** and **Meritor** axles with 800,000 km service intervals and supports Dana's 1,200,000 km axle warranty coverage for line haul service.

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Typical test data

DELO [®] SYN-GEAR XDM			
SAE Grade	Test Method	75W-90	80W-140
Product Code		510402	510403
Pour Point °C	ASTM D97	-48	-42
Viscosity, mm ² /s @ 40°C mm ² /s @ 100°C	ASTM D445	108	245
	ASTM D445	15.1	26.52
Viscosity Index	ASTM D2270	146	140

Minor variations in product typical test data are to be expected in normal manufacturing

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ENVIRONMENT, HEALTH and SAFETY. Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit the [Product Information Center](#).

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center

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