



# Delo® Syn-Gear XDM

## Extreme Pressure Automotive Synthetic Gear Oil

Product Data Sheet

### Customer benefits

#### Reduces maintenance costs

Outstanding thermal and oxidative stability helps reduce deposit formation under severe operating conditions. This helps keep gears and bearings clean, 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, helps maximize the 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

### Product features:

- **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

## Typical key properties

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

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

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## 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** O-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.

## 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 [www.caltex.com](http://www.caltex.com).

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by:  
**Chevron Global Lubricants**  
 – Asia Pacific