



# DELO<sup>®</sup> SYN-GEAR XDM

## SAE 75W-90, 80W-140

### PRODUCT DESCRIPTION

"Delo. Let's go further.<sup>®</sup>"

Delo<sup>®</sup> Syn-Gear XDM are premium heavy duty, extreme pressure, multigrade automotive gear lubricants. Delo Syn-Gear XDM SAE 75W-90 is recommended for Dana and Meritor axles with 500,000-mile service intervals and supports Dana's 750,000-mile axle warranty coverage for line haul service. Delo Syn-Gear HD SAE 75W-90 is an alternative for equipment not under warranty or with expired warranty.

### CUSTOMER BENEFITS

Delo Syn-Gear XDM deliver exceptional value through:

- **Extended drain capabilities** — Meets the requirements of major axle manufacturers for extended drains.
- **Excellent thermal and oxidation stability** — Synthetic hydrocarbon base oils provide outstanding stability.
- **High viscosity index and low pour point** — Synthetic hydrocarbon base oils provide extremely broad operating temperature ranges when compared with conventional mineral oil based lubricants.
- **Excellent seal compatibility** — Compatible with many widely used seal elastomers.
- **Refill and top off compatibility** — Compatible with conventional mineral oil based and other synthetic automotive gear lubricants.
- **Warranty Plus Protection** — Bumper-to-bumper warranty protection from the engine to the drivetrain that covers lubricant-related damage to your equipment, including parts and labor.<sup>1</sup> Problem

<sup>1</sup> See Warranty Plus for details and restrictions.

resolution and technical advice from Chevron's lubrication experts.

- **Access to Chevron's lubrication and industry knowledge** — Maximizes the bottom line business results of trucking industry professionals.

### FEATURES

The exceptionally low Brookfield viscosity and pour point of Delo Syn-Gear XDM imparts excellent lubrication during startup at subzero temperatures, while the outstanding viscosity temperature characteristics (viscosity index) provides excellent lubrication at high temperatures. Low frictional losses in the lubricant film and minimal churning losses due to lower bulk oil viscosity lead to reduced operating temperatures when compared to conventional gear lubricants.



### APPLICATIONS

Delo Syn-Gear XDM is recommended as rear axle and differential lubricants in over-the-road and off-road vehicles when operating under severe conditions and in extremely cold or hot environments.

#### Delo Syn-Gear XDM is approved for:

- **Dana** SHAES 256 REV C (SAE 75W-90 only)
- **Mack** GO-J (SAE 75W-90)
- **Meritor** O-95 and O-76<sup>2</sup> Extended Drain
- **SAE** J2360 (formerly MIL-PRF-2105E)
- **Scania** STO 1:0 (SAE 75W-90 only)
- **STEMCO** PPS+ and PPS wheel end systems (SAE 75W-90 only)

<sup>2</sup> Meritor O-95 supersedes O-76 and is backwards compatible

Product(s) manufactured in the USA.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

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GL-19

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**Delo Syn-Gear XDM meets or exceeds the requirements of:**

- **API Service Categories** GL-4, GL-5, and MT-1
- **Dana** SHAES 256 REV A, now obsolete
- **Mack** GO-J (SAE 80W-140)

**TYPICAL TEST DATA**

| SAE Grade   | Test Method     | 75W-90       | 80W-140     |
|---|-----------------|--------------|-------------|
| <i>Product Number</i>                               |                 | 223030       | 223031      |
| <i>SDS Number</i>                                   |                 | 35582        | 35586       |
| Density at 60°F, lb/gal                             | ASTM D4052      | 7.21         | 7.31        |
| Viscosity, Kinematic<br>cSt at 40°C<br>cSt at 100°C | ASTM D445       | 108<br>15.1  | 245<br>26.5 |
| Viscosity, Brookfield<br>cP at -26°C<br>cP at -40°C | ASTM 2983 (mod) | —<br>106,000 | 50,000<br>— |
| Viscosity Index                                     | ASTM D2270      | 146          | 140         |
| Flash Point, PM, °C(°F)                             | ASTM D93        | 140(284)     | 136(277)    |
| Pour Point, °C(°F)                                  | ASTM D97        | -48(-54)     | -42(-44)    |

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

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