



Delo[®] Syn-Gear XPD SAE 75W-85

High performance synthetic gear oil

Product description

Delo Syn-Gear XPD SAE 75W-85 is a high performance synthetic gear oil suitable for use in heavy-duty driven axles and differentials in commercial vehicles.

Delo Syn-Gear XPD SAE 75W-85 is formulated with synthetic base oils in combination with high performance additive technologies.

Customer benefits

- Offers long-drain capability, helping reduce overhaul downtime and service costs
- Promotes fuel economy when used in Meritor axle gears
- Extreme pressure additives offer exceptional protection against scuffing and wear under low speed, high torque and shock conditions
- Low-temperature fluidity and fast circulation in cold weather start-ups helps provide reliable component protection
- High Viscosity Index and robust shear stability offer reliable, effective high temperature lubrication throughout fluid service life

Product highlights

- **Formulated for long-drain capability**
- **Designed for Meritor fuel economy**
- **Promotes scuffing and wear protection**
- **Helps protect in cold weather start-ups**
- **Offers long, effective service life**

Selected specification standards include:

| | |
|-----|---------|
| API | Bosch |
| DAF | Meritor |
| SAE | ZF |

Applications

- The automotive industry is constantly striving for improved fuel economy. Current top-tier SAE 75W-90 synthetic axle fluids already achieve better than 97% efficiency, but there is still room for further improvement. Delo Syn-Gear XPD SAE 75W-85 achieves that aim, delivering a statistically significant improvement in efficiency and power loss, along with a reduction in the fluid's operating temperature.
- The most obvious feature of Delo Syn-Gear XPD SAE 75W-85 compared to current fluids is the lower viscosity. However, this is not the only factor that leads to the efficiency improvement – the careful selection of additives and base oils in this formulation also make a significant contribution.
- This efficiency improvement has not been achieved at the cost of reduced equipment durability - Delo Syn-Gear XPD SAE 75W-85 meets all the requirements of the SAE J2360 specification, which includes tests run under conditions of High Speed and Shock Loading, and under conditions of Low Speed and High Torque.
- The friction characteristics of Delo Syn-Gear XPD SAE 75W-85 make it generally unsuitable for use in synchronized manual transmissions and transaxles, and it should not be used in these applications unless a GL 5 fluid is specifically recommended.

Approvals, performance and recommendations

Approvals

- SAE J2360 ^[3]

Performance

- API GL-5
- Bosch TE-ML 08 ^[1]
- DAF Low friction axles ^[4]
- Meritor O76-S
- ZF TE-ML 07A ^[2]

^[1] List formerly administered by ZF.

^[2] Products meeting the necessary performance requirements for these standards are approved for use by ZF, but there is no product listing.

^[3] SAE J2360 approval number: PRI GL 0872.

^[4] Specific versions of Rear Axles type 1344 and 1347. Other versions require an SAE 75W-90 lubricant, such as Delo Syn-Gear HD SAE 75W-90.

| Typical test data | | |
|--|--------------|---------|
| Test | Test Methods | Results |
| Shelf Life: 48 months from date of filling indicated on the product label | | |
| Density, 15 °C, kg/l | ASTM D4053 | 0.876 |
| Flash Point COC, °C | ASTM D92 | 196 |
| Pour Point, °C | ASTM D97 | -51 |
| Viscosity, Kinematic, 100°C, mm ² /s | ASTM D445 | 12.0 |
| Viscosity, Kinematic, 40°C, mm ² /s | ASTM D445 | 72 |
| Viscosity Index | ASTM D2270 | 169 |

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

Disclaimer Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheet's.

Health, safety, storage and environmental Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS's are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

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