

Delo[®] Syn-Gear HD SAE 75W-90



Product description

Delo[®] Syn-Gear HD gear lubricant is a heavy duty, extreme pressure, multigrade automotive gear lubricant.

It is manufactured from synthesized hydrocarbon base fluids which have excellent thermal and oxidation stability, a high viscosity index, and a low pour point.

The low pour point of Delo[®] Syn-Gear HD helps provide maximum lubrication during startup at subzero temperatures, while its viscosity temperature characteristics provide dependable lubrication at high temperatures. Low frictional losses in the lubricant film and minimal churning losses due to lower bulk oil viscosity help reduce operating temperatures when compared to conventional gear lubricants.

Customer benefits and product features

Customer benefits

Delo[®] Syn-Gear HD delivers value through:

- **Extended drain capabilities** — Field proven in fleet testing for 500,000-mile drain intervals.
- **Excellent thermal and oxidation stability** — The synthetic hydrocarbon base oil used in this product provides outstanding stability.
- **High viscosity index and low pour point** — The synthetic hydrocarbon base stock provides very broad operating temperature ranges when compared with conventional mineral oil based gear lubricants.
- **Excellent seal compatibility** — This product is compatible with widely used seal elastomers.
- **Refill and top off compatibility** — Delo[®] Syn-Gear HD is compatible with conventional mineral oil based and other synthetic automotive gear lubricants.

Product approvals, performance, and recommendations

Chevron recommends Delo[®] Syn-Gear HD as a rear axle and differential lubricant in over-the-road and off-road vehicles when operating under severe conditions and in extremely cold or hot environments.

Delo[®] Syn-Gear HD meets or exceeds the requirements of API Service Categories GL-4, GL-5 and MT-1.

This product passed the field and bench requirements for the original version of Dana's SHAES 256 extended drain axle lubricant specification (Revision A, now obsolete).

Delo[®] Syn-Gear HD is approved for:

- Meritor O-76 Extended Drain
- SAE J2360 (formerly MIL-PRF-2105E)
- Volvo 97312

Delo[®] Syn-Gear HD meets the requirements of:

- Mack GO-J
- MAN Nutzfahrzeuge 342 Type M2

This product has been successfully field tested by Chevron for long drain intervals in class 8 on-highway trucks using axles made by the following OEMs: Meritor, DAF, Daimler, Dana, MAN and Scania.

Delo[®] Syn-Gear HD SAE 75W-90



Typical Test Data

DELO[®] SYN-GEAR HD SAE 75W-90

SAE Grade	75W-90
Product Code	510401
Density at 15 °C, kg/L	0.865
Viscosity, Kinematic	
mm ² /s @ 40°C	108
mm ² /s @ 100°C	15.1
Viscosity, Brookfield - mPA.s at -40°C	137,500
Viscosity Index	146
Flash Point, °C	192
Pour Point, °C	-45

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.

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.

Visit [Product Information Center](#) >

Delo-Syn-Gear-HD-SAE-75W-90/AP/PDSV2_03/2024



A Chevron company product

© 2024 Chevron Products Company. Asia-Pacific.
All Rights Reserved.