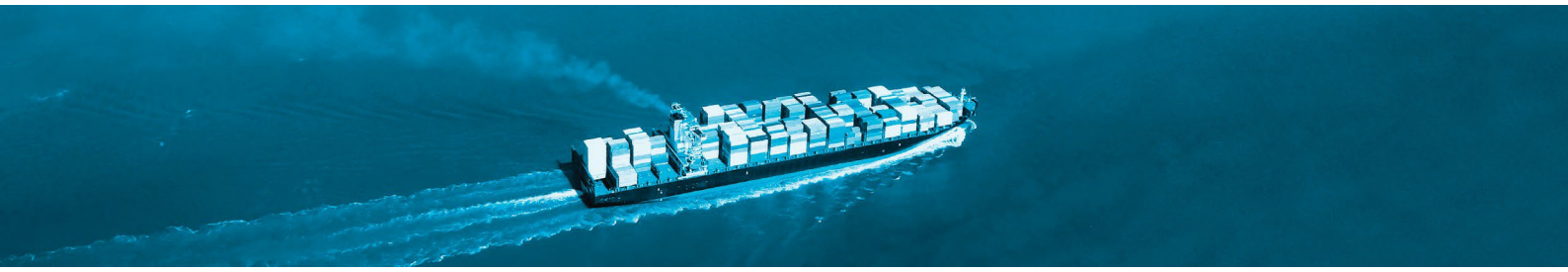
marine products

Delo® Gear EP-5 SAE 80W-90

Regional equivalents: Geartex® EP-C SAE 80W-90, Geartex EP-5 SAE 80W-90, Multigear® EP-5 80W-90, Thuban® GL-5 EP 80W-90, Gear Oil GL-5 SAE 80W-90



Description

Delo® Gear EP-5 SAE 80W-90 is an automotive gear lubricant suitable for API GL-5 applications. It is formulated with mineral base oils in combination with a high performance additive system.

Typical Characteristics

MPID	219941
Density at 15°C, kg/l	0.89
Flash point COC, °C	212
Pour point, °C	–33
Kinematic viscosity at 40°C, mm^2/s	135.0
Kinematic viscosity at 100°C, mm^2/s	14.3
Viscosity Index	101

Recommended Applications

Delo Gear EP-5 SAE 80W-90 is designed for use in automotive hypoid drive axles, steering systems, non-synchronized transmissions and transaxles which require a fluid with API GL-5 performance. Operating temperatures of above 100°C will lead to a significant reduction in the fluid service life. Peak operating temperatures should not exceed 120°C. Note that Daimler axle oil specifications include a minimum viscosity requirement that is not met by Delo Gear EP-5 SAE 80W-90.

The friction characteristics of Delo Gear EP-5 SAE 80W-90 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.

Delo Gear EP-5 SAE 80W-90 And Regional Equivalents Meet The Requirements Of:

- ☑ **Volvo 97321** Delo Gear EP-5 SAE 80W-90, MultiGear EP-5 SAE 80W-90, Gear Oil GL-5 SAE 80W-90
- ☑ **Volvo 97310-90** Geartex EP-C SAE 80W-90, Geartex EP-5 SAE 80W-90
- ☑ **ZF TE-ML 05A** Multigear EP-5 80W-90
- ☑ **ZF TE-ML 12M** MultiGear EP-5 SAE 80W-90
- ☑ **ZF TE-ML 16B** Geartex EP-5 SAE 80W-90, MultiGear EP-5 SAE 80W-90
- ☑ **ZF TE-ML 17B** Geartex EP-5 SAE 80W-90, MultiGear EP-5 SAE 80W-90
- ☑ **ZF TE-ML 19B** Geartex EP-5 SAE 80W-90, MultiGear EP-5 SAE 80W-90
- ☑ **ZF TE-ML 21A** Geartex EP-5 SAE 80W-90, MultiGear EP-5 SAE 80W-90
- ☑ **ZF TE-ML 07A** Geartex EP-C SAE 80W-90, Geartex EP-5 SAE 80W-90
- ☑ **Bosch TE-ML 08** Geartex EP-C SAE 80W-90, Geartex EP-5 SAE 80W-90
- ☑ **US Military MIL-L-2105D** Geartex EP-C SAE 80W-90, Geartex EP-5 SAE 80W-90
- ☑ **API** GL-5

Delo Gear EP-5 SAE 80W-90 Is Suitable For Use In:

- ☑ **Deck cranes** Liebherr
- ☑ **Non-synchronized reduction gearboxes and propeller shaft gearboxes of life saving equipment** Hyundai Life Boat, Fassmer, Hatecke, Beihai, Mansei, Norsafe, Yamaha, Tohatsu

Performance Benefits

1. Protection Against Wear And Tear
High performance additives provide EP protection, protecting components against scuffing and wear.

2.Premium Stability
Premium shear stability, ensuring that the viscosity is retained throughout the fluid lifetime.

3.Fast Circulation In Cold Weather
Good low-temperature fluidity, superior to a standard SAE 90 product, allowing fast circulation during cold weather start-up.

4.Prevents Thickening Of Oil
Reliable oxidation stability, preventing oil thickening during service and formation of harmful varnish and deposits.

5.Prevents Loss Of Fluid
Compatible with a wide variety of elastomer materials, preventing loss of fluid due to seal deterioration.

6.Rust Protection
Good rust protection.

7.Foam Resistance
Good resistance to foaming.

Disclaimer. Data provided in this PDS is based on standard tests under laboratory conditions and is indicative only. Minor variations which do not affect product performance are expected in normal manufacturing. This product should not be used for any purpose other than those expressly set out in this PDS. The user has sole responsibility for verifying that this product is suitable for the user's intended application. Recommendations differ between engine manufacturersso always consult your manual. Neither Chevron nor its subsidiaries make any warranty or representation as to the accuracy or completeness of this PDS and neither Chevron nor its subsidiaries accept liability for any loss or damage suffered as a result of the use of this product other than in accordance with the termsof this PDS. (January 2024)

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