



Geartex[®] EP-4

Automotive gear oil (Supersedes Geartex EP-A)

Product description

Geartex EP-4 are automotive gear oils suitable for API GL-4 applications. They are formulated with mineral base oils in combination with selected additives to help resist wear, corrosion and oxidation.

Geartex EP-4 is available in SAE 90 and SAE 140 viscosity grades.

Customer benefits

- Proven additive system offers reliable EP protection to critical components against scuffing and wear
- Robust shear stability helps ensure viscosity is maintained throughout oil service life
- Designed to offer protection against oil thickening and harmful varnish and deposit formation

Applications

- Geartex EP-4 lubricants are designed for use in automotive transmissions, transaxles, steering systems and hypoid drive axles which require a fluid with API GL-4 performance (equivalent to US Military specification MIL-L-2105). The friction characteristics of the Geartex EP-4 product range make them suitable for use in many synchronised manual transmissions. (Some modern transmissions may require a specific fluid type – refer to the manufacturers' literature for further details)
- 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

Product highlights

- **EP wear resistance**
- **Highly shear stable**
- **Aids deposit protection**

Selected specification standards include:

API

US Military

ZF

Approvals, performance and recommendations

Performance

Viscosity Grade		SAE 90	SAE 140
API	GL-4	X	X
US Military	MIL-L-2105	X	X
ZF	TE-ML 16A	X	—
ZF	TE-ML 17A	X	—
ZF	TE-ML 19A	X	—

Typical test data			
Test	Test methods	Results	
Viscosity Grade		SAE 90	SAE 140
Shelf Life: 60 months from date of filling indicated on the product label.			
Viscosity, Kinematic, 100°C, mm ² /s	ASTM D445	16.35	29.75
Viscosity, Kinematic, 40°C, mm ² /s	ASTM D445	196	436
Viscosity Index	ASTM D2270	95	96
Density, 15°C, kg/l	ASTM D4052	0.901	0.899
Flash Point COC, °C	ASTM D92	228	226
Pour Point, °C	ASTM D97	-6	-9

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 Sheets.

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). MSDSs 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.

A Chevron company product