

Product Data

ZIE GEAR EP 90 and 140 API GL4 Premium Transmission Oil

Description:

Zie Gear EP GL4 90 and 140 gear oils are formulated for use in a wide range of gear units with normal, bevel and helical gear designs including synchromesh manual gearboxes, transmissions and axles under moderately severe load and pressure conditions. These oils meet the requirements of several automotive manufacturers for cars, vans and commercial vehicles and hence recommended for cars, trucks, buses and off highway equipment.

Specifications:

Zie Gear EP GL4 90 and 140 meets and exceeds performance levels and specifications of API GL4, US MIL-L-2105, ZF TE-ML 08 and ZF TE-ML 24A.

Applications:

- Lubrication of manual transmissions of vehicles where EP gear oil is recommended.
- Lubrication of steering gear boxes.
- Lubrication of industrial closed gears where EP types gear oil is preferred and API GL-4 lubricants are suitable.
- Lubrication of Tractor and agricultural gear sets and oil-lubricated track rollers of crawler tractors.

Features

- Protects gears against wear and scuffing.
- Long storage and thermal stability
- Effective anti-corrosion, low foam properties.
- Protects against corrosion of ferrous and non-ferrous components.

Typical characteristics:

Characteristics	Test Method	Zie Gear EP GL4	
		90	140
Appearance	Visual	Bright and clear	Bright and clear
Kinematic viscosity, cSt at 100 °C	ASTM D 445	17.6	31.1
Viscosity index, min.	ASTM D 2270	95	97
Flash point (COC), °C, min.	ASTM D 92	240	235
Pour point, °C, max.	ASTM D 97	-12	-12

The above figures are typical figures with normal production tolerance.

Health & Safety

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

All reasonable care has been taken to ensure that the information contained in this publication is accurate as at the date of printing. It should be noted however that the information above may be affected by changes occurring subsequent to the date of printing in the blend formulation or methods of application of any of the products referred to or in the requirements of any specification approval relating to any such products.