

# Gear Oil GL-5 Series

## Extreme Pressure Automotive Gear Oil



### Product description

**Gear Oil GL-5** are multipurpose lubricants. They are made from paraffinic base stocks and contain a carefully balanced additive package to provide general gear protection and lubricant life. The sulfur-phosphorus extreme pressure additive technology used in Gear Oil GL-5 provides good thermal and oxidation stability. In addition, this lubricant is fortified with rust and corrosion inhibitors, a foam inhibitor, and a pour point depressant.

### Customer benefits and product features

#### Customer benefits

- **Good gear life**  
Extreme pressure properties help protect hypoid and other types of gears from scuffing and wear.
- **Rust and corrosion protection**  
Effective inhibitor package helps protect against rusting or corrosion of gear and bearing surfaces.
- **Good foam inhibition**  
Foaming minimized by use of foam inhibitor.
- **General performance benefits**  
Thermal and oxidation stability allows for appropriate gear protection in non-critical operations.
- **Seal protection**  
Helps protect against oil seal deterioration.

#### Product features

- Gear Oil GL-5 provides gear wear protection in non-critical gear applications. The highly refined base stocks and various inhibitors in the additive package help assure a well-balanced lubricant performance and appropriate gear life.

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## Applications

- Gear Oil GL-5 is recommended by Chevron for use in spiral bevel and hypoid differentials, power dividers, and oil-lubricated steering axle wheel bearings at normal drain intervals, and suitable for use in manual transmissions (SAE 80W-90 for commercial vehicles).
- The multi-viscosity characteristics allow use in equipment operating over a broad ambient temperature range. This means good cold flow properties and gear protection.
- Gear Oil GL-5 is not recommended for use in synchronizer systems as it may affect the performance of the synchronizer gear system.

## Approvals, performance and recommendations

Gear Oil GL-5 meets the requirements of:

- API Service Category GL-5
- API Service Category GL-4

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## Typical test data

GEAR OIL GL-5		
SAE Grade	80W-90	85W-140
Product Code	516294	516295
Density at 15°C kg/L	0.8867	0.9003
Pour Point, °C	-35	-12
Flash Point, °C	218	226
Viscosity,		
mm <sup>2</sup> /s @ 40°C	145	341
mm <sup>2</sup> /s @ 100°C	14.2	25.0
Viscosity Index	95	95

1604

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.

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