

Gear Oil GL-5

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 acceptable market 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 protect hypoid and other types of gears from scuffing and wear.
- **Rust and corrosion protection**
Effective inhibitor package protects against rusting or corrosion of gear and bearing surfaces.
- **Good foam inhibition**
Foaming minimized by use of foam inhibitor. Foaming minimized by use of foam inhibitor.
- **Market general performance**
Acceptable thermal and oxidation stability allows for appropriate gear protection in non-critical operations.
- **Seal protection**
Protects against oil seal deterioration.

Product features

- Gear Oil GL-5 provides acceptable 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 are recommended 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).
- Their multiviscosity characteristics allow their use in equipment operating over a broad ambient temperature range. This means good cold flow properties and gear protection.

Approvals, performance and recommendations

Gear Oil GL-5 meets the requirements of:

- API Service Categories GL-5 and 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 ² /s @ 40°C | 145 | 341 |
| mm ² /s @ 100°C | 14.2 | 25.0 |
| Viscosity Index | 95 | 95 |

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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.

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