

Product Data Sheet

PT Maxnitron GL-4

Premium Performance Automotive Gear Oil

API GL-4

PT Maxnitron GL-4 is a standard-grade gear lubricant designed for commercial vehicles. It is formulated from high-quality base oils blended with specially selected performance additives in optimal proportions. It is suitable for lubricating manual transmissions, drive shafts, and final drives that operate under severe conditions and require gear oil meeting the **API GL-4** specification, where high load-bearing capacity and resistance to heavy shock loads are required. Can provides excellent protection against wear and scoring of gears.

Customer Benefits

- **Extends gear service life**

With Extreme Pressure (EP) and anti-wear additives, PT Maxnitron GL-4 helps extend the service life of gear teeth and bearings by providing excellent protection under high-load conditions.

- **Delivers maximum power and performance**

PT Maxnitron GL-4 is formulated with special performance additives that provide outstanding thermal stability, helping to slow oxidation during high-temperature operation. This reduces the formation of sludge and deposits, extends seal life, and protects components operating at low speed with high torque, while also effectively reducing wear during high-speed operation.

PT Maxnitron GL-4

Premium Performance Automotive Gear Oil

API GL-4

Performance Standards

- API GL-4

Applications

- Suitable for use in automotive final drive (differential) gear lubrication systems, such as pickup trucks and trucks
- Can be used under all operating conditions, both heavy-duty and light-duty applications
- Recommended oil change interval 30,000 km for single-grade final drive gear oils SAE 90 and SAE 140 (depending on operating conditions and vehicle maintenance)

* The recommended oil change interval is intended for passenger cars. When used in heavy-duty vehicles, the oil change interval may be longer, depending on operating conditions and maintenance practices.

Typical Characteristics

Properties	SAE 90	SAE 140
Appearance	Bright/Clear	Bright/Clear
Viscosity @ 100 °C (cSt.)	18.5-19.5	29-30
Viscosity Index	95	95
Foaming Characteristics (Sequence II) (mL/mL)	50/0	50/0
Flash Point – COC (°C)	230	240
Pour Point (°C)	-6	-6

*The above values represent typical production standards at the time of manufacture. Variations may occur between production batches; however, the essential characteristics and performance of PT Maxnitron remain consistent with its quality standards.