XENOL GEAR OIL LS 75W-90 GL-5

Product Description and Applications

XENOL GEAR OIL 75W-90 LS GL-5 is a fully synthetic gear oil formulated with high-quality synthetic base oils, sulfur-phosphorus extreme pressure (EP) additives and advanced friction modifiers. Developed for limited-slip (LS) and conventional hypoid differentials, it provides effective protection under high-speed/low-torque and low-speed/high-torque operating conditions. It is recommended for passenger cars, light commercial vehicles and trucks requiring API GL-5 performance and limited-slip friction characteristics, offering reliable lubrication and improved efficiency compared with conventional mineral-based gear oils.

Features and Benefits

- Provides excellent wear and scuffing protection under high-load and extreme-pressure conditions.
- Ensures controlled friction and helps reduce noise and chatter in limited-slip differentials.
- Offers high thermal and oxidation stability, helping prevent deposit formation.
- Protects gears and components against rust and corrosion while controlling foam formation.
- Maintains reliable lubrication across a wide temperature range and supports long service life.

Specifications and Approvals

API GL-5, API GL-5 LS, MIL-L-2105D, ZF TE-ML 05C, ZF TE-ML 12C, ZF TE-ML 16E, ZF TE-ML 21C, Ford M2C104-A, John Deere JDM J11F, New Holland NH 520B, Volvo 97310.

Typical Properties*

TEST	UNIT	TEST METHOD	TYPICAL VALUES
Density @15 °C	g/cm³	ASTM D4052	0.86
Kinematic Viscosity @100 °C	cSt	ASTM D445	13.5-18.5
Viscosity Index	-	ASTM D2270	154
Flash Point	°C	ASTM D92	210
Pour Point	°C	ASTM D97	-36

*** The values shown are typical and may vary between production batches.**

Storage Conditions

Store in tightly closed original containers in a cool, dry and well-ventilated area, protected from direct sunlight and precipitation. Recommended storage temperature is between +5 °C and +40 °C.

Health and Safety Information

Based on available information, this product is not expected to present a significant health hazard when used for its intended purpose and in accordance with the recommended handling procedures. Used product should not be incinerated or discharged into soil, drains or waterways. Used product should be disposed of in accordance with applicable regulations through licensed waste management facilities. Please refer to the Safety Data Sheet (SDS) for detailed health, safety and environmental information.