

STANDARD LS GEAR OIL 80W90 (GL5)

TECHNICAL DATA SHEET

V.01/2024

1003



A high performance limited slip automotive axle and gear oil for all vehicles and working machines based on high refined mineral oils.

DESCRIPTION

STANDARD LS GEAR OIL 80W90 (GL5) is a automotive axle and gear oil containing excellent anti-wear and EP properties, and meeting the requirements of API GL-5 specifications multi-functional additives for use in a wide variety of automotive axle units subjected to heavy duty conditions. Suitable for limited-slip differentials.

ADVANTAGES / CUSTOMER BENEFITS

- Good anti-wear
- Good oxidation stability
- Good anti-rust characteristics

Specifically designed for:

- Automotive transmissions and heavy-duty hypoid axles.
- Suitable for off-highway equipment and commercial vehicles operating under high speed / shock loads, high speed / low torque and low speed / high torque conditions.
- Suitable for gearboxes fitted with synchromesh.
- Rear axles - suitable for lubrication heavy duty commercial vehicles.

APPROVALS / PERFORMANCE STANDARDS / SPECIFICATIONS

- API GL-5 (eqv. MIL-L-2105D)
- API GL-4
- MAN 342 M2 (160,000 km. drain)
- ZF TE-ML 05A, 7A, 12E, 16B, C & D, 17B, 19B, 21A
- Scania STO 1:0
- Volvo 1273.10
- SAE J2360

ENVIRONMENT, HEALTH and SAFETY

Information is available on this product in the Safety Data Sheet (SDS). Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. Ensure appropriate personal safety equipment is used when handling the product.

This product has a shelf life of 36 months when stored in a dry environment at ambient temperatures (10-30°C).

TYPICAL TECHNICAL CHARACTERISTICS

DESCRIPTION	METHOD	UNITS	RESULT
ISO/SAE Grade			80W90
Viscosity @ 40°C	ASTM D 2983	cSt	140
Viscosity @ 100°C	ASTM D 2983	cSt	15
Viscosity Index	ASTM D2270-77		107
Pour Point °C	ASTM D97	°C	-5.0
Flash Point °C	ASTM D93	°C	212
Density @ 20°C	ASTM D792	g/ml	0.88
Appearance	Visual		Clear & Bright
Colour	Visual		Dark Yellow

PACKAGING

5L / 20L / 210L / 1000L

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