



ORLEN OIL GEAR LS 80W-90

General features:

New generation multi-grade gear oil. Designed on the basis of an excellent composition of deeply refined, mineral base oils with the package of highest quality enriching additives. Provides optimum lubrication and maximum protection for manual transmissions, but also limited slip gears - LS.

It guarantees:

- perfect thermal and oxidative stability
- good corrosion and anti-rust protection,
- high loading transfer capacity
- perfect lubricating and anti-wear qualities,
- very good antifoaming parameters.

Application:

Platinum Gear LS 80W-90 is a high-quality, multi-grade gear oil, designed to be used in mechanical transmissions in passenger cars, trucks, and buses operating in difficult conditions, where it is required to use oil meeting the requirements of API GL-5 API. Suitable for use in heavily loaded vehicles, construction site vehicles, and other mechanical/motor devices equipped with limited slip gears, so called LS - Limited Slip.

Due to its high load-transferring capacity, the oil is recommended for driving axles in vehicle, for which the manufacturer recommends the use of API GL-5 gear oil.

Viscosity grad:

SAE: 80W-90

Quality class:

API: GL-5

Standards, approvals, specifications

ZF TE-ML 05C, 21C (ZF000603)

Meets requirements:

MIL-L-2105D,
MAN 342 M-1,
Mercedes-Benz 235.0,
Voith 3.325-339,
Volvo 97310,
Volvo 97316,
Renault
ZF TE-ML 07A, 08, 16B, 17B, 19B, 21A,
DAF

Physical and chemical properties

Parameters	Units	Typical values
Viscosity class SAE	-	80W-90
Kinematic viscosity in temp. 100 °C	mm ² /s	14,9
Viscosity index	-	98
Pour point	°C	- 30
Flash point	°C	230
Note: Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each product lot.		

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