

Record DynaGear GL5 80W90 automotive gear oil

Product benefits

- reliable lubricating film
- extended drain possibility
- excellent oxidational stability
- very good corrosion protection
- outstanding loadability

Applications

Record DynaGear GL5 80W90 gear oil is designed primarily to lubricate heavy-duty, hypoid gears. Applicable for the lubrication of passenger cars and commercial vehicles. It can be used to lubricate manual gearboxes, equalizers, axle housing, universal joints and steering devices.

Regarding applicability at lubrication points with lower performance level, please consult our experts at tribological consultancy.

Oil drain period must be according to the operating manual. 50.000 to 200.000 km (but maximum 3 years) drain interval can be realized depending on the type of vehicle and operating conditions, but at least once every 3 years.

Specifications and approvals

API GL-5
MIL-L-2105D
ZETOR

Product description

Record DynaGear GL5 80W90 gear oil is produced from highly refined base oils using advanced petroleum technologies and additives having combined (EP-, antiwear-, antioxidant-, anticorrosive-, antifoam- and rheological modifier) properties.

Due to its high EP- additive level, it provide the optimum lubricating conditions even for heavy-duty hypoid gears. It has excellent oxidation stability and thus allow long oil drain periods.

Its anticorrosive effect prevents against corrosion on gears and bearings even in the presence of moisture.

Its low foaming tendency help maintain the strength of the lubricating film.

Typical properties

Properties	Typical values
Density at 15°C [g/cm ³]	0,895
Kinematic viscosity at 40°C [mm ² /s]	143
Kinematic viscosity at 100 °C [mm ² /s]	14,6
Viscosity index	101
Pour point [°C]	-27
Flash point (Cleveland) [°C]	230

The characteristics in table are typical values of the product and do not constitute a specification.

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automotive gear oil

Storage and handling instructions

Store in the original container in dry, properly ventilated area. Keep away from direct flame and other sources of ignition. Protect from direct sunlight.

During transport, storage and use of the product follow the work safety instructions and environmental regulations relating to mineral oil products.

For further details please read the Material Safety Data Sheet of the product.

Gear oils are finished lubricant formulations where additional additives are unnecessary and may result in unforeseeable adverse effects. The manufacturer and distributor shall not be held liable for such possible damages.

Shelf life in the original container under the recommended storage conditions: 60 months

Recommended storage temperature: max. 40°C