

# Aykos HYPOID-Gear 80W-90 GL-5



Hypoid gear oil for motor vehicles and heavy machinery

## Product description and properties

**Aykos HYPOID-Gear 80W-90 GL-5** is a high-performance transmission oil that was specially developed for use in highly loaded hypoid axle transmissions with a large axle offset. It is also suitable for transfer cases, intermediate gearboxes and auxiliary gearboxes in motor vehicles and work machines and is ideal for non-synchronised manual gearboxes.

**Aykos HYPOID-Gear 80W-90 GL-5** provides:

- The thermostable EP additives ensure reliable protection against extreme tooth flank pressures.
- Efficient torque transmission enables problem-free handling of high forces.
- Outstanding ageing resistance.
- Reliable corrosion protection protects against wear and damage.
- The high shear stability ensures long-lasting load capacity.
- High oxidation stability, which ensures long-term and reliable performance.

## Application

**Aykos HYPOID-Gear 80W-90 GL-5** is primarily recommended for use in vehicle transmissions that must withstand high pressure and temperature loads. It is particularly suitable for rear axles with hypoid gearing. Depending on the manufacturer's specifications, it can also be used for combined manual and axle transmissions as well as non-synchronised manual transmissions.

## Specifications / Recommendations

API GL-5

MB-235.0 & MB-235.6

ZF TE-ML 05A, 07A, 08, 12E, 16B-D, 17B, 19B, 21A

MIL-L-2105 D

MAN 342 M-2 (160.000 km Ölwechsel)

## Reference values

Aykos HYPOID-Gear 80W-90 GL-5	unit	value	Method
SAE - Classification		80W-90	
Density at 15°C	kg/m <sup>3</sup>	890	DIN 51 757
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	144	DIN 51 562
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	16,7	DIN 51 562
Pourpoint	°C	-33	DIN ISO 3016
Flashpoint	°C	215	DIN ISO 2592
FZG-Test A/16,6/120 Damage strength level		>12	DIN 51 354

**Article no:** 119702-XXX

We reserve the right to make changes to the technical data.  
Please observe the regulations of the machine manufacturer.  
For further information, please refer to the safety data sheet.

The products must be labelled in accordance with the CLP Regulation.

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