

## ASTRON MZ 80W-90 GL 5

### Multi-Purpose Gear Oil

#### Properties

**ASTRON MZ 80W-90 GL 5** is produced from selected base oils with additives tailored thereto. The EP additives contained in the gear oil form a load-bearing lubricant layer on the tooth flanks, which prevents scuffing wear and considerably reduces abrasion wear even under the highest mechanical load. The gear oil is very stable to ageing even under high thermal stress. The good cold flow properties are due to the high refinement degree of the base oil and the flow improver it contains. The gear oil contains suitable active substances to suppress foaming and the wetted machine parts are protected against corrosive effects.

**ASTRON MZ 80W-90 GL 5** is compatible with the usual sealing materials.

#### Specifications:

- API GL-5
- MIL-L-2105 C/D

#### Recommendations \*:

- DTFR 12B100 (235.0)
- MAN 342 M-1; 342 M2  
ZF TE-ML 05A/07A/12E/16C/17B/19B/21A
- DAF
- NATO O-226
- SAE J2360
- SCANIA STO 1:0
- Volvo 1273.10

#### Use instructions

**ASTRON MZ 80W-90 GL 5** is recommended for gear systems with hypoid or bevel gears in drive systems in passenger and commercial vehicles, motorbike drive systems and manual gearboxes, unless the use of an engine oil is prescribed.

TYPICAL PARAMETERS	METHODS	UNITS	ASTRON MZ 80W-90 GL 5
Density at 15°C	DIN EN ISO 12185	kg/m <sup>3</sup>	890
Viscosity at 40°C	DIN 51 562	mm <sup>2</sup> /s	137
Viscosity at 100°C	DIN 51 562	mm <sup>2</sup> /s	14,1
Viscosity index (VI)	DIN ISO 2909	-	100
Pour point	ASTM D 7346	°C	-33
COC flash point	DIN ISO 2592	°C	212

\* meets the requirements of the OEM manufacturer.  
The stated values may vary within the usual commercial range.

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**Power in every molecule**

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Health, Safety and Environment –  
information is provided for products  
in the relevant Safety Data Sheet.

