



GERMAN ADLER GMBH

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PRODUCT INFORMATION **GERMAN ADLER GEAR OIL SAE 80W-90**

Multi-Grade-EP-gear oil of the performance level API GL-4. Designed for multifunctional use in manual-, steering-transmission and axels of passenger cars, trucks and busses.

Description

GERMAN ADLER GEAR OIL 80W-90 is a SAE grade 80W-90 high-performance gear oil made from carefully selected base oils. The product features enhanced thermal stability, ensuring reliable film strength even at continuous stress.

Application

In compliance to EEC regulations the quality of GERMAN ADLER GEAR OIL 80W-90 is equivalent according to the following standards / specifications:

- API GL-4
- MAN 341 E-1
- MB 235.1
- ZF TE-ML 06L, 08, 16A, 17A, 19A, 19C, 24A

Advantages/Benefits

- excellent wear and corrosion protection
- outstanding shear stability quality
- stable lubricating film even under very hot oil temperatures and/or very high stress granting reduced wear and transmission operation noise
- enhanced cold temperature viscosity in comparison to oils SAE 90 / 85W / 85W-90 providing good shifting characteristics and fast lubrication. And less "cold wear".
- suitable for non-synchronized and synchronized gearboxes
- miscible and compatible with conventional, also as synthetic branded transmission fluids. To make use of the full performance benefit of GERMAN ADLER GEAR OIL 80W-90 a complete gear oil change is recommended

Typical characteristics:

	Unit	Value	Method
Density at 15°C	kg/m ³	888	DIN 51 757
Viscosity at 40°C	mm ² /s	166	DIN 51 562
Viscosity at 100°C	mm ² /s	16,8	DIN 51 562
Pour point	°C	-33	DIN ISO 3016
Flash point	°C	222	DIN ISO 2592
FZG-Test A1/16, 6/90		>12	DIN 51 354

The above data are true and correct to the best of our knowledge and belief and reflect the current state of knowledge and our development effort. All rights to changes reserved! The characteristic data indicated are subject to the repeatability and reproducibility of the given test methods.