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

High performance multi-grade gear oil based on HC-synthesis. Designed for multifunctional use in manual transmission and axels of passenger cars, trucks busses SUV's also as commercial vehicles.

Description

GERMAN ADLER GEAR OIL SAE 80W-90 SYNT is a high-performance gear oil incorporating hydro crack base oils and a carefully selected additive package. 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 SAE 80W-90 SYNT is equivalent according to the following standards / specifications:

- API GL-4/GL-5
- Ford WSP-M2C197-A
- MAN 3343 Typ M
- MAN M342 M1/M2
- MB 235.0
- MB 235.6
- MIL-L-2105D/E
- SAE J2360
- Scania STO 1:0
- Volvo 1273.10, 1273.21
- ZF TE-ML 01, 05A, 07A, 08, 12A, 12E, 16B/C, 17B, 19B, 21A

Advantages/Benefits

- excellent wear and corrosion protection also as synchromesh compatibility
- superior oxidation protection through selected HC synthesis oil components and special additive technology
- outstanding shear stability providing real "stay-in-grade" quality
- stable lubricating film even under very hot oil temperatures and/or very 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
- great 80W-90 rationalism-product due to multifunctional use in manual transmissions hypoid axle differentials, planetary gears, side/auxiliary gears and steering 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 SAE 80W-90 SYNT a complete rear oil change is recommended

Typical characteristics:

	Unit	Value	Method
Density at 15°C	kg/m ³	897	DIN 51 757
Viscosity at 40°C	mm ² /s	148,1	DIN 51 562
Viscosity at 100°C	mm ² /s	15,1	DIN 51 562
Viscosity index		101	DIN ISO 2909
Pour point	°C	-30	DIN ISO 3016
Flash point	°C	212	DIN ISO 2592

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.