



PRODUCT DATA SHEET

EKO GEAROL-5 80W-90

API GL-5 automotive gear oil

DESCRIPTION

EKO GEAROL-5 80W-90 is a premium quality gear oil, suitable for differentials, axles and final drives in passenger and commercial vehicles requiring API GL-5 performance.

EKO GEAROL-5 80W-90 is approved by ZF for ZF TE-ML 5A, 12E (for bus axles and wheel heads), 16B, 17B, and 21A specifications and meets MAN and VOLVO quality requirements.

SPECIFICATIONS

API GL-5, MAN 342 Type M2 (160.000 km drain).

APPROVALS

ZFTE-ML 05A, 12E, 16B, 17B, 19B, 21A (approval no: ZF003351).

Suitable for use: MIL-L-2105D (obsolete), VOLVO 1273.10, ZF TE-ML 07A, 16C, MAN 342 Type M1.

APPLICATIONS

- Differentials, axles and final transmissions in passenger and commercial vehicles and off-road equipment operating in construction, mines and farming.
- Applications including hypoid gears operating in high-speed and shock-load, high-speed and low torque, and low speed and high torque conditions.



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ADVANTAGES

- Excellent load-carrying capacity.
- Excellent oxidative stability.
- Very good performance at low temperatures.
- Foam resistance and anti-corrosion protection.
- Very long drain intervals.

TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKO GEAROL-5 80W-90
SAE Viscosity Grade	-	-	80W-90
Density, 15°C	ASTM D4052	g/ml	0.898
Kinematic Viscosity, 100°C	ASTM D445	cSt	14.34
Kinematic Viscosity, 40°C	ASTM D445	cSt	137.4
Viscosity Index (VI)	ASTM D2270	-	102
Brookfield Viscosity, -26°C	ASTM D2983	cP	96679
Pour Point	ASTM D5950	°C	-30
Flash Point, COC	ASTM D92	°C	218

HEALTH AND SAFETY

Protect the environment while disposing of used product. Used lubricants should be collected at specific points to ensure they do not pollute the environment. Do not mix with solvents, brake fluids, antifreeze fluids and water, to allow for proper handling.

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This data sheet provides basic information on the product as at the date of drafting. For further information regarding applications, please contact EKO ABEE Technical Support, tel. +30 210 5509 511.
Advice on safe handling is provided in the Safety Data Sheet.