



## PRODUCT DATA SHEET

### EKO GEAROL PLUS 80W-90

Automotive gear oil for the unified lubrication of mechanical transmissions and axles

#### DESCRIPTION

EKO GEAROL PLUS 80W-90 is a highly fortified premium quality automotive gear oil, especially designed to offer a unified lubrication of gearboxes, differentials and final drives. It satisfies API GL-4, API GL-5 and API MT-1 quality standards and meets the specifications of major manufacturers such as MAN, ZF, MERCEDES BENZ, SCANIA, DAF, IVECO and RENAULT.

#### SPECIFICATIONS

API GL-4, API GL-5, API MT-1, DAF, IVECO, MERITOR O-94, MERITOR O76-A/O76-B/O76-D, MIL-PRF-2105E, MACK GO-J, MAN 341 GA1, MAN 341 Z2, MAN 342 M2, SAE J2360, MB 235.0, RENAULT, Scania STO 1:0, SCANIA STO 1:1G, ZF TE-ML 02B, 04G, 05A, 07A, 8, 12E, 12L, 12M, 16B, 16C, 17H, 19B, 21A.

#### APPLICATIONS

- Mechanical gearboxes, differentials and final drives in passenger vehicles, commercial vehicles and earthmoving equipment requiring API GL-4 or API GL-5 lubricant specifications.
- Suitable for synchromesh transmissions.
- It is suitable for DAF, IVECO and RENAULT trucks with ZF transmissions.
- Exceeds performance requirements in applications where API GL-5 and API MT-1 quality levels are required.

#### ADVANTAGES

- Its optimal anti-wear protection in heavy load conditions guarantees a longer lifespan for the equipment and a reduction in operational and maintenance costs.
- Excellent oxidative and thermal stability that reduces deposits and prolongs the lifespan of lubricant and gearwheels.



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### ADVANTAGES

- Outstanding fluidity characteristics at low temperatures, allowing for the smooth operation of gearwheels at low temperatures and providing greater fuel economy.
- Its maximum anti-corrosion and anti-rust protection increases the operational life of metal components.
- Meets API GL-4 and API GL-5 requirements without affecting yellow metals and, therefore, simplifies lubrication in applications involving gearwheels.

### TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKO GEAROL PLUS 80W-90
SAE Viscosity Grade	-	-	SAE 80W-90
Density, 15°C	ASTM D4052	g/ml	0.898
Kinematic Viscosity, 100°C	ASTM D445	cSt	14.0
Kinematic Viscosity, 40°C	ASTM D445	cSt	129.5
Viscosity Index (VI)	ASTM D2270	-	105
Brookfield Viscosity, -26°C	ASTM D2983	cP	91150
Pour Point	ASTM D5950	°C	-30
Flash Point, COC	ASTM D92	°C	210

### 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.