

EKO GEAROL-4 80W-90, 85W-140

API GL-4 automotive gear oils

Description

The EKO GEAROL-4 series includes two premium quality automotive gear oils with SAE 80W-90 και 85W-140 grades, enhanced with extreme pressure (EP) additives. EKO GEAROL-4 80W-90 and EKO GEAROL-4 85W-140 automotive gear oils are suitable for gearboxes, axles and final transmissions operating in applications requiring API GL-4 performance.

Specifications

API GL-4

Applications

- Mechanical gearboxes, axles and final transmissions requiring API GL-4 quality level.
- Passenger vehicles, buses and low and heavy-duty trucks.
- Off-road equipment used in construction, mines, quarries and farming.

Advantages

- Optimal load-carrying capacity.
- Excellent thermal stability and resistance to oxidation, prolonging gearwheel lifespan.
- Efficient lubrication at low temperatures, reducing start-up wear.
- Its good foaming resistance provides better lubrication.
- Effective anti-corrosion and anti-rust protection, resulting in better wear control in difficult operation conditions.
- Conservation of a powerful lubricating membrane in conditions of high temperatures and heavy loads.

Typical Characteristics

Properties	Methods	Units	EKO GEAROL-4 80W-90	EKO GEAROL-4 85W-140
SAE Viscosity Grade	-	-	80W-90	85W-140
Density, 15°C	ASTM D4052	g/ml	0.895	0.903
Kinematic Viscosity, 100°C	ASTM D445	cSt	14.45	28,9
Kinematic Viscosity, 40°C	ASTM D445	cSt	140.0	412,9
Viscosity Index (VI)	ASTM D2270	-	102	97
Brookfield Viscosity, -26°C	ASTM D2983	cP	97100	
Brookfield Viscosity, -12°C	ASTM D2983	cP		101000
Pour Point	ASTM D5950	°C	-30	-15
Flash Point, COC	ASTM D92	°C	232	254

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.

30 January 2025