



PRODUCT DATA SHEET

EKO GEAROL-4 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.



PRODUCT DATA SHEET

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 | 80W90 | 85W-140 |
| Kinematic Viscosity, 100°C | ASTM D445 | cSt | 0.895 | 0.903 |
| Kinematic Viscosity, 40°C | ASTM D445 | cSt | 14.45 | 28,9 |
| Viscosity Index (VI) | ASTM D2270 | - | 140.0 | 412,9 |
| Brookfield Viscosity, -26°C | ASTM D2983 | cP | 102 | 97 |
| Brookfield Viscosity, -12°C | ASTM D2983 | cP | 97100 | |
| Pour Point | ASTM D5950 | °C | | 101000 |
| Flash Point, COC | ASTM D92 | °C | -30 | -15 |

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.

Issue 6, 31 October 2022

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.