



GEARTEC – GEAR OIL EP GL-4

PSO Geartec - Gear Oil EP GL-4 series, meticulously formulated with highly refined mineral base oils and a specialized extreme-pressure additive for top-notch protection at high temperatures and under heavy loads. Available as mono and multi-grade variants, this oil is tailored for automotive manual transmission systems. Its unique extreme pressure additive technology strikes the right balance, minimizing scuffing and scoring of transmission gears. It excels in conditions ranging from high-speed/low-torque to slow-speed/high-torque, meeting the API GL-4 performance standard.

Benefits

- Extends the life of gears and bearings.
- Improved protection against corrosion.
- Excellent defense against rusting & pitting.
- Provides smooth gear shifts effortlessly.
- Outstanding lubrication, even at low temperatures.

Applications

- Ideal for lubricating manual gearboxes in cars, commercial vehicles, and off-road vehicles, especially in situations with high speed/low torque and slow speed/high torque conditions.
- Also suitable for use in transaxles and differentials of light-duty commercial vehicles and cars.

Performance Standards

- API GL 4
- ZF TE-ML 07A, 08
- GB 13895

Typical Characteristics*

PROPERTIES	METHODS	TYPICAL RESULTS				
SAE		80	90	140	80W-90	85W-140
Density @ 15°C, kg/L	ASTM D-4052	0.8898	0.8991	0.9055	0.8967	0.9041
Kinematic Viscosity @ 100°C, cSt	ASTM D-445	8.53	16.89	27.57	14.76	26.10
Kinematic Viscosity @ 40°C, cSt	ASTM D-445	66.10	181.60	386.70	147.10	340.90
Viscosity Index	ASTM D-2270	99	98	97	99	100
Flash Point (COC), °C	ASTM D-92	210	226	238	222	234
Pour Point, °C	ASTM D-97	-21	-12	-6	-21	-9

*These typical characteristics mentioned are based on current mean values.

Based on available information, this product does not contain any component that may produce any significant hazard to health when used for the recommended application. Guidelines for health and safety are available in Material Safety Data Sheet of the product. Dispose of used oil, containers, cartons labels in an environment friendly manner. Do not discharge used oil into drain, soil or water. Advice on application not covered in this leaflet, may be obtained from lubricants.technical@psopk.com