



GEARTEC – GEAR OIL EP GL 4

PSO Geartec - Gear Oil EP GL-4 series is formulated with highly refined mineral base oils and special extreme pressure additive to give protection under high temperature and heavy load. The oil is available in mono and multi-grades for automotive manual transmission. An appropriate and balanced extreme pressure additive technology minimizes scuffing and scoring of transmission gears operating at high speed/low torque and slow speed/high torque conditions where API GL-4 performance is required.

Benefits

- Extended gear and bearing life.
- Provides improved protection against corrosion.
- Excellent protection against rusting & pitting.
- Smooth gearshift.
- Excellent lubrication even at low temperature.

Applications

- Recommended for the lubrication of manual gearboxes of cars, commercial vehicles, off-road vehicles where high speed/low torque and slow speed/high torque conditions are observed.
- For 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				
		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
K. Viscosity @ 100°C, cSt	ASTM D-445	8.53	16.89	27.57	14.76	26.10
K. 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