



APPLICATIONS

Eni Rotra GEAR EP TEC 80W-90 is an EP (Extreme Pressure) manual gearbox lubricant, especially suited for the lubrication of hypoid gear trains in severe operating conditions (high pressures and dynamic loads).

This product can also be used in traditional gearboxes, steering gears, axle reduction groups and Power Take-Off systems in heavy duty industrial vehicles (e.g. agricultural or earthmoving machinery, whenever an API GL-5 level of performance is required).

CUSTOMER ADVANTAGES

- This product has superior EP (Extreme Pressure) properties that ensure a continuous lubricant film even on gears operating under the most severe conditions, involving heavy dynamic and shock loads, and very high or variable tooth sliding speeds.
- Its outstanding antiwear properties and oiliness reduce markedly gears and bearing wear.
- This product shows a particularly good oxidation stability that prevents any deterioration even at high temperatures, and effectively keeps at a minimum the viscosity increase and sludge formation, ensuring full performance during its whole operating life.
- Antirust properties effectively prevent the formation of rust on gears and in bearings, even in presence of moisture.
- Its antifoam qualities minimize the formation of air bubbles which could adversely affect the continuity of the lubricant film.

SPECIFICATIONS

- API GL-5
- ZF TE-ML 07A, 08





CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m ³	882
Viscosity at 100°C	ASTM D 445	cSt	14.85
Viscosity at 40°C	ASTM D 445	cSt	129.2
Viscosity Index	ASTM D 2270	-	112
Viscosity at -12°C	ASTM D 2983	mPa·s	146000
Pour point	ASTM D 97	°C	-36

WARNINGS

- This product should not be used in those cases where the vehicle manufacturer requires an API GL-4 level of performance.

