



APPLICATIONS

Eni Rotra 80W-90 is a mineral-based, high viscosity index gearbox lubricant, with a specific antiwear additivation. It is designed for the lubrication of some types of integrated transmissions (transaxle) without hypoid gears (for instance, front-wheel drive vehicles with transverse engines).

More generally, it can be used in all gear trains where power transfer does not entail excessive pressures, or tooth load and sliding, for which the manufacturer prescribes a lubricant with an API GL-3 performance level.

CUSTOMER ADVANTAGES

- The specific antiwear properties of **Eni Rotra 80W-90** keep bearings and gear teeth in optimum condition throughout their life. Its chemical stability and resistance to oxidation ensure a stable performance and allow longer lubricant-drain intervals.
- Its detergent-dispersant properties help keep impurities in suspension, preventing deposit formation.
- **Eni Rotra 80W-90** is not corrosive to steel and copper parts, keeping all lubricated items of the gearbox in optimum conditions. Its antirust properties avoid the possibility of corrosion of gears and bearings, even when in presence of moisture.
- Its antifoam qualities prevent excessive formation of air bubbles that could adversely affect the continuity of the lubricant film.
- The high Viscosity Index ensures a reliable operation of the gearbox components in a wide interval of operating temperatures.

SPECIFICATIONS - APPROVALS

- API GL-3





CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m ³	895
Viscosity at 100°C	ASTM D 445	mm ² /s	14.5
Viscosity Index	ASTM D 2270	-	100
Viscosity at -26°C	ASTM D 2983	mPa·s	130000
Flash point (COC)	ASTM D 92	°C	250
Pour point	ASTM D 97	°C	-30

