



APPLICATIONS

Eni Rotra 85W-140 is a mineral-based, high VI 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, for which the manufacturer prescribes a lubricant with an API GL-3 performance level for antiwear properties.

CUSTOMER ADVANTAGES

- Its antiwear properties keep bearings and gear teeth in optimum condition, even after a prolonged operation.
- Its chemical stability and resistance to oxidation allow longer lubricant-drain intervals.
- Its detergent-dispersant properties help keep impurities in suspension, preventing deposit formation.
- It is not corrosive to steel and copper parts, keeping all lubricated items of gearboxes in optimum conditions, preventing corrosion 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.
- An elevated Viscosity Index ensure a reliable performance of all lubricated parts 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	905
Viscosity at 100°C	ASTM D 445	mm ² /s	28.2
Viscosity at 40°C	ASTM D 445	mm ² /s	410
Viscosity at -12°C	ASTM D 2983	mPa·s	130000
Viscosity Index	ASTM D 2270	-	98
Flash point (COC)	ASTM D 92	°C	270
Pour point	ASTM D 97	°C	-15

