



APPLICATIONS

Eni Rotra FE 75W-90 is a synthetic gear lubricant with special E.P. (Extreme Pressure) features and an exceptional viscosity-temperature curve that ensures extremely smooth fluidity even at lower temperatures.

This is the API "GL-4+" gear lubricant specifically formulated to meet the VW 501.50 (G 50) specification and therefore to meet the lubrication needs of the transmission-differential gearboxes (transaxle configuration) in Audi and Volkswagen front-wheel drive cars.

CUSTOMER ADVANTAGES

- The particularly demanding E.P. characteristics give the product the ability to ensure protection of the contact surfaces even under heavy load and sliding conditions.
- The exceptional viscosity index of the product ensures very low viscosity at colder temperatures, essential for starts in rigid climates, and a high viscosity in hot conditions, necessary to protect gears at high temperatures.
- The presence of the synthetic base gives the product an exceptional thermo-oxidative stability that guarantees protection against the formation of lacquers and deposits.
- The strong anti-corrosive properties protect the gears and supports even in the presence of moisture.
- The strong anti-foam additivation conferred on the lubricant eliminates the negative consequences that excessive formation of foam would cause with regard to the continuity of the lubricant film.

SPECIFICATIONS

- API GL-4
- VW 501 50 (G50)





CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m ³	870
Viscosity at 100°C	ASTM D 445	mm ² /s	15.1
Viscosity at 40°C	ASTM D 445	mm ² /s	92
Viscosity Index	ASTM D 2270	-	180
Viscosity at -40°C	ASTM D 2983	mPa·s	115000
Flash point COC	ASTM D 92	°C	190
Pour point	ASTM D 5950	°C	-48

