



APPLICATIONS

Eni Rotra HY DB Synth 75W-90 is a top synthetic transmission oil with special fuel efficiency characteristics, specifically formulated to comply with the most severe Daimler performance requirements, both for use in heavy duty vehicles (ACTROS series, UNIMOG, MB-TRAC), and light duty and passenger car applications, road and off-road.

Besides Daimler vehicles, Eni Rotra HY DB Synth can be used wherever an oil with SAE 75W-90 viscosity and an API GL-4 performance level is required. It is perfectly miscible with all transmission lubricants based on mineral oil.

CUSTOMER ADVANTAGES

- Its modern additive technology ensures an effective and reliable lubrication of high-loaded manual transmissions.
- Thanks to its excellent thermal stability, Eni Rotra HY DB Synth prevents the build-up of all deposits in the system.
- This product ensures a smooth and reliable operation of the shafts and synchros in the gearbox, also at extreme ambient temperatures and specifically in cold climates, ensuring noise-free shifting.
- Its outstanding oxidation stability prevents early oil ageing and viscosity increase, allowing prolonged oil drain intervals, according to the indications of the vehicle manufacturers.

SPECIFICATIONS

- API GL-4
- MB-Approval 235.11
- ZF TE-ML 08 quality





CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m ³	850
Viscosity at 100°C	ASTM D 445	mm ² /s	16.0
Viscosity at 40°C	ASTM D 445	mm ² /s	95
Viscosity Index	ASTM D 2270	-	160
Viscosity at -40°C	ASTM D 2983	mPa·s	120000
Flash point COC	ASTM D 92	°C	230
Pour point	ASTM D 97	°C	-45

