

eni Rotra HY DB



eni Rotra HY DB is an EP (Extreme Pressure) gear oil for lubrication of hypoid gears operating under normal conditions where an EP oil is required. It is also suitable for use in gear-boxes, final drives and power take-offs on farm and earth-moving machinery.

CHARACTERISTICS (TYPICAL FIGURES)

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SAE Grade		80W
Viscosity at 100°C	mm ² /s	11,6
Viscosity at 40°C	mm ² /s	102
Viscosity at -26°C	mPa.s	120000
Viscosity Index	-	100
Flash Point COC	°C	210
Pour Point	°C	-30
Mass density at 15°C	kg/l	0,900

PROPERTIES AND PERFORMANCE

- eni Rotra HY DB contains special EP additives which guarantee continuity of the oil film even under high load conditions into hypoid gears used in many automotive axles.
- Its outstanding antiwear properties, combined with its oiliness, markedly reduce wear on gear teeth and bearings.
- Its particularly good oxidation stability prevents deterioration even when in contact with components operating at high temperatures. Thus any tendency to viscosity increase or sludge formation is inhibited.
- It is noncorrosive to steel while ensuring efficient operation of all lubricated parts. Its antirust properties effectively protect gears and bearings against rust and corrosion even when moisture is present.
- Its antifoam qualities prevent formation of air bubbles which could adversely affect lubricant film continuity.
- Warning: the product is not to be used in applications where API GL-5 performance is required.

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SPECIFICATIONS

eni ROTRA HY DB is officially approved by or meets the requirements of following specifications:

- API GL-4
- MIL-L-2105
- MB-Approval 235.1
- ZF TE-ML 2B, 17A
- LIEBHERR