



## eni Rotra HY

eni Rotra HY is an EP (Extreme Pressure) gear oil formulated for lubricating hypoid type gears operating under normal conditions for which an EP oil is required. It is also suitable for use in gearboxes, final drives and power take-offs on farm and earth-moving machineries.

### CHARACTERISTICS (TYPICAL FIGURES)

#### eni Rotra HY

SAE Grade		80W-90
Viscosity at 100°C	mm <sup>2</sup> /s	14,3
Viscosity at 40°C	mm <sup>2</sup> /s	130
Viscosity at -12°C	mPa.s	-
Viscosity at -26°C	mPa.s	120000
Viscosity Index	-	105
Flash Point COC	°C	210
Pour Point	°C	-27
Mass density at 15°C	kg/l	0,895

### PROPERTIES AND PERFORMANCE

- eni Rotra HY contains special EP additives which guarantee that a strong oil film is formed and maintained even under high load conditions typically in hypoid gears of 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 of viscosity increase or sludge formation is inhibited.
- It is non corrosive to steel ensuring efficient operation of all lubricated parts.
- Its antirust properties effectively protect gears and bearings against rust; Its antifoam qualities prevent formation of air bubbles which could adversely affect lubricant film continuity and cause corrosion, even when moisture is present.
- Warning: the product is not to be used in applications where API GL-5 performance is required.

### SPECIFICATIONS

eni Rotra HY is approved or meets the requirements of the following performance levels:

- API GL-4
- MIL-L-2105 level
- MAN 341 Typ E1, Z2
- MB 235.1 level
- ZF TE-ML 2B, 16A, 17A, 19A
- VW TL 726 level
- LIEBHERR