



## eni Rotra GL

eni Rotra GL is an EP (Extreme Pressure) gear oil recommended for hypoid gears operating under severe conditions and for very highly loaded gears, especially those subject to dynamic loads. It can also be used in conventional gear-boxes and steering-boxes on cars and trucks, and in gear-boxes, final drives and power take-offs on farm and earth-moving machineries.

### CHARACTERISTICS (TYPICAL FIGURES)

#### eni Rotra GL

SAE Grade		80W-90	85W-140
Viscosity at 100°C	mm <sup>2</sup> /s	15,5	29
Viscosity at 40°C	mm <sup>2</sup> /s	144	400
Viscosity at -12°C	mPa·s		120000
Viscosity at -26°C	mPa·s	110000	-
Viscosity Index	-	105	95
Flash Point COC	°C	210	220
Pour Point	°C	-25	-15
Mass Density at 15°C	kg/l	0,900	0,910

### PROPERTIES AND PERFORMANCE

- Its superior EP additives ensure a continuous lubricant film even on gears operating under the severest conditions involving heavy dynamic and shock loads and very high or intermittent speeds of the gear couplings.
- Its outstanding antiwear properties and its oiliness, markedly reduce gear-tooth and bearing wear.
- Its particularly good oxidation stability prevents any deterioration even when in contact with components operating at high temperatures. Thus, any tendency of viscosity increase or sludge formation is inhibited. eni Rotra GL can guarantee long oil-service periods.
- eni Rotra GL is noncorrosive to steel, copper and other metals and alloys keeping lubricated parts in optimal conditions.
- Its antirust properties effectively prevent rust on gears and on bearings even in presence of moisture.
- Its antifoam qualities minimize the formation of air bubbles which could adversely affect lubricant film continuity.

### SPECIFICATIONS

eni Rotra GL meets the requirements of the following specifications:

- API GL-5
- MIL-L-2105D