



eni Rotra MP/S

eni Rotra MP/S is a special gear oil with modified EP (Extreme Pressure) characteristics. It is particularly recommended for lubrication of limited-slip differentials and associated hypoid gears subjected to high dynamic loads at high sliding speeds between gear teeth and at high operational temperatures.

eni Rotra MP/S is suitable for those transmissions in which manufacturers suggest lubricants with antistick-slip properties.

CHARACTERISTICS (TYPICAL FIGURES)

eni Rotra MP/S

SAE Grade		85W-90
Viscosity at 100°C	mm ² /s	18,5
Viscosity at 40°C	mm ² /s	206
Viscosity at -12°C	mPa.s	25000
Viscosity Index	-	100
Flash Point COC	°C	215
Pour Point	°C	-24
Mass density at 15°C	kg/l	0,905

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 sliding speeds between the teeth.
- Its antistick-slip additive modifies the coefficient of friction to prevent vibration and chatter in the clutch mechanism of limited slip-differentials and in the wet brakes used in tractor transmissions.
- Its outstanding antiwear properties and its oiliness, markedly reduce wear on gear teeth and bearings.
- Its particularly good oxidation stability ensures a long term keeping of the oil performances even if used to lubricate components operating at high temperatures. Thus, any tendency of viscosity increase and formation of sludge is inhibited.
- It is noncorrosive to steel, copper and other metals and alloys, and thus helps maintain all parts in first-class condition.
- Its antirust properties effectively prevent rust on gears and in bearings, even when moisture is present.
- Its antifoam qualities minimize the formation of air bubbles which could adversely affect lubricant film continuity.

SPECIFICATIONS

eni Rotra MP/S meet the requirements of the following service and specifications:

- API GL-5
- FORD M2C-154A
- FORD M2C-105A
- LIEBHERR Cranes
- MIL-L-2105D
- ZF TE-ML 05C, 12C, 16E, 21C