



AGIP ROTRA MP

AGIP ROTRA MP is an EP (Extreme Pressure) gear oil recommended for hypoid gears operating under severe conditions and for very highly loaded gears in general, 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 machinery.

It can thus be used for lubricating all gears, whatever they are made of, for which the manufacturer recommend an EP lubricant.

CHARACTERISTICS (TYPICAL FIGURES)

AGIP ROTRA MP

SAE Grade		80W-90	85W-140
Viscosity at 100 °C	mm ² /s	14,5	28
Viscosity at 40 °C	mm ² /s	144	416
Viscosity at -12 °C	mPa.s	-	120000
Viscosity at -26 °C	mPa.s	120000	-
Viscosity Index	-	105	100
Flash Point COC	°C	200	205
Pour Point	°C	-30	-18
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 sliding speeds between the teeth.
- 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 for viscosity to increase or for sludge to form is inhibited. AGIP ROTRA MP can therefore be kept in use for the long oil-service periods specified by car manufacturers.
- AGIP ROTRA MP is noncorrosive to steel, copper and other metals and alloys, and thus helps keep lubricated 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

AGIP ROTRA MP is officially approved by or meets the requirements of the following service and specifications:

- API GL-5
- US Department of the Army MIL-L-2105D
- Ford M2C 105A
- Ford M2C-154A
- Ford SQM-2C-9002A/9008A/9101A
- Chrysler MS-5644
- General Motors MS 9985290
- MAN 342 Typ N
- MAN 341 Typ M1 (SAE 80W-90)
- Opel B 0401010
- Volkswagen TL 727/726
- Volvo 97310/97313/97314

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- ZF TE-ML 01, 05A, 07A 16C,17B
- ZF TE-ML 05A, 16B, 17B, 19B, 21A (SAE 80W-90)
- ZF TE-ML 5A, 16D, 21A (SAE 85W-140)
- ZF TE-ML 16D (85W-140)
- LIEBHERR