

# AGIP ROTRA MP/S



AGIP 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, subject to high dynamic loads at high sliding speeds between gear teeth and at high temperature.

In general AGIP ROTRA MP/S is suitable for those transmissions where manufacturers suggest lubricants having antistick-slip properties.

## CHARACTERISTICS (TYPICAL FIGURES)

### AGIP ROTRA MP/S

SAE Grade		85W-90
Viscosity at 100°C	mm <sup>2</sup> /s	18,5
Viscosity at 40°C	mm <sup>2</sup> /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 prevents any deterioration even when in contact with components operating at high temperatures. Thus any tendency for the viscosity to increase or for sludge to form is inhibited.
- AGIP ROTRA MP/S can therefore be kept in use for the long oil-service periods specified by car manufacturers.
- 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

AGIP ROTRA MP/S meet the requirements of the following service and specifications:

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