

# eni Rotra MP ID

**eni Rotra MP ID** is 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)

<b>eni Rotra MP ID</b>		<b>90</b>	<b>140</b>
<b>SAE Grade</b>		<b>90</b>	<b>140</b>
Appearance	-	B & C	B & C
Density at 15°C	kg/L	0.892	0.905
Viscosity at 100°C	cSt	17.4	28.8
Viscosity at 40°C	cSt	189.0	421.0
Viscosity Index	-	99	96
Flash Point COC	°C	212	222

## PROPERTIES AND PERFORMANCES

- 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 anti-wear properties and its oiliness, markedly reduce gear-tooth and bearing wear.
- **eni Rotra MP ID** is non-corrosive to steel, cooper, 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 that could adversely affect lubricant film continuity.
- 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 be kept in use for the long service periods specified by car manufacturers.

## SPECIFICATIONS

**eni Rotra MP ID** meets the requirements of the following service and specifications :

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