



## eni ROTRA MP

**Eni Rotra MP** is an EP (Extreme Pressure) gear oil for the application in transmissions and axle drives with hypoid gears, for highly loaded transmissions and end drives in vehicles as well as agricultural, constructional and working machines. It can be used for the lubrication of all transmissions where an oil according to API GL-5 is prescribed.

### Characteristics (typical values):

eni ROTRA MP	Unit	80W-90	85W-140	Test method	
Kin. Viscosity	at -26°C	mPa.s	145.000	--	ASTM D 2983
	at -12°C	mPa.s	--	59.000	
	at 40°C	mm <sup>2</sup> /s	151	359	ASTM D 445
	at 100°C	mm <sup>2</sup> /s	15,5	26,8	ASTM D 445
Viscosity index		105	100	ASTM D 2270	
Density at 15°C	kg/l	0,905	0,915	ASTM D 4052	
Flashpoint	°C	200	205	ASTM D 92	
Pour point	°C	-30	-18	ASTM D 97	

### Properties and performance:

- Its high-quality EP additives ensure a continuous lubrication film at any time. This is also guaranteed under the severest application conditions, such as shock loads, or high sliding speeds between the gear teeth.
- The excellent wear protection properties protect the gear wheels and bearings of transmissions and axles.
- The excellent oxidation stability prevents an early oil ageing and viscosity increase as well as sludge formation.
- **eni Rotra MP** is not corrosive against steel, copper and light metals and also effectively protects from rust formation in case of humidity.
- The outstanding anti foam behaviour guarantees a stable lubrication film at all application conditions.

### Specifications:

**eni ROTRA MP** is approved by name respectively meets the requirements of the following specifications:

- API GL- 5
- MIL-L-2105 D
- MAN 342 Type M-1, Type M-2 (only SAE 80W-90)
- ZF TE-ML 05A, 07A, 08, 12E, 16B, 17B, 19B, 21A (SAE 80W-90)
- ZF TE-ML 05A, 07A, 08, 12E, 16C, 16D, 21A (SAE 85W-140)
- Volvo 1273.10 (SAE 85W-140)