



eni ROTRA HY DB

Eni Rotra HY DB is a EP gear oil formulated for the application in gears and axle drives where a gear oil according to API GL-4 is prescribed. Furthermore it is applicable in gears, axle drives and power take-off of agricultural and constructional machinery.

Characteristics (typical values):

eni ROTRA HY DB	Unit	80W	Test method	
Kin. Viscosity	at -26°C	mPa.s	120.000	DIN 51 550
	at 40°C	mm ² /s	102	
	at 100°C	mm ² /s	11,6	ASTM D 445
Viscosity index		100	DIN ISO 2909	
Density at 15°C	kg/m ³	895	ASTM D 1298	
Flashpoint o. C.	°C	210	ASTM D 92	
Pour point	°C	-30	ASTM D 97	

Properties and performance:

- **eni ROTRA HY DB** contains special EP additives that produce a high load lubrication film, suitable for high loads in gears and axle drives.
- Excellent wear protection properties and the loadable lubrication film reduce the wear on tooth flanks and bearings.
- Oxidative stability maintain the good lubrication properties also at contact with very hot constructional parts. This avoids an increase of Viscosity or sludge formation.
- Good rust protection properties prevent corrosion at all metallic constructional parts and the lubrication film stability is ensured due to the excellent anti-foam behaviour.
- **Important!:** **eni Rotra HY DB** is not allowed to be applied where oils according to API GL-5 are prescribed.

Specifications:

eni ROTRA HY DB is approved by name respectively meets the requirements of the following specifications:

- API GL-4
- MIL-L-2105
- MB approval 235.1
- ZF TE-ML 02B,17A
- Liebherr Cranes