

-Certificate / ProductInformation-

RAVENOL Getriebeoel EPX SAE 80W-90 GL-5

Art. 1223205

MINERAL

TRANSMISSION

Multigrade hypoid transmission oil for synchronised and not synchronised manual transmissions as well as axle drives, distributor transmissions, intermediate transmissions in vehicles and working machines.

Description:

In order to avoid the seasonal change of the transmission oil **RAVENOL Getriebeoel EPX SAE 80W-90 GL-5** was developed. It can be used in winter as well as in summer. Its universal use reduces the risk of mix-up and storage.

RAVENOL Getriebeoel EPX SAE 80W-90 GL-5 guarantees due to the balanced additive combination characteristics like a high pressure absorption capacity, a superior viscosity temperature behaviour, a high oxidation stability, low pour points, a good corrosion protection and non-sludging.

Application Directions:

RAVENOL Getriebeoel EPX SAE 80W-90 GL-5 is compatible with all brand-name transmission oils. No "flushing" required when switching to **RAVENOL Getriebeoel EPX SAE 80W-90 GL-5**.

Use **RAVENOL Getriebeoel EPX SAE 80W-90 GL-5** in hypoid gears for hypoid gearbox, manual transmissions, axle drives, distributor and intermediate transmissions in vehicles and working machines.

Quality Classification:

RAVENOL Getriebeoel EPX SAE 80W-90 GL-5 is approved, tried and tested for aggregates specifying:

Specification: API GL-5

Approvals: ZF TE-ML 16B, 17B, 19B, 21A (ZF001110), LOVAT LOV-204

Recommendations: MIL-L-2105 D, MB 235.0, MAN 342 Typ M-1, Ford SQM-2C-9002 AA

Technical Characteristics:

RAVENOL Getriebeoel EPX SAE 80W-90 GL-5 offers:

- Optimal cold flow property.
- Outstanding wear protection even with short trips in winter.
- High pressure stable lubrication film, thus outstanding wear protection under any stress
- Reduced transmission noise and the best transmission efficiency under full load, i.e. even with very hot oil.
- Outstanding shearing stability
- Excellent oxidation stability, no foaming
- No oil thickening or deposits
- Extraordinary ageing stability
- Excellent viscosity-temperature properties
- Effective wear protection
- Extraordinary corrosion protection, no rust, won't harm non-ferrous metals
- Neutral to sealants, transmissions stay tight, no oil loss

-Certificate / ProductInformation-

RAVENOL Getriebeoel EPX SAE 80W-90 GL-5

Art. 1223205

MINERAL

TRANSMISSION

Technical Values:

Characteristics	Unit	Data	Test according to
Density at 20°C	kg/m ³	882,0	EN ISO 12185
Colour		brown	visual
Viscosity at 100°C	mm ² /s	14,1	DIN 51562-1
Viscosity at 40°C	mm ² /s	140,5	DIN 51562-1
Viscosity Index VI		97	DIN ISO 2909
Brookfield Viscosity at -26°C	mPa*s	69.000	ASTM D2983
Pourpoint	°C	-33	DIN ISO 3016
Flashpoint	°C	200	DIN ISO 2592
Copper Strip Test at 121°C		1b	ASTM D130

All indicated data are approximate values and are subject to the commercial fluctuations.