



RAVENOL Getriebeoel EPX SAE 80W-90 GL 5

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.

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 Notes

RAVENOL Getriebeoel EPX SAE 80W-90 GL 5 is compatible with all brand-name transmission oils. In case of changing to RAVENOL Getriebeoel EPX SAE 80W-90 GL 5 flushing is not necessary.

RAVENOL Getriebeoel EPX SAE 80W-90 GL 5 can be used in manual transmissions, axle drives, distributor and intermediate transmissions in vehicles and working machines.

Quality Classifications

Specifications

API GL-5

Approvals

ZF TE-ML 16B, ZF TE-ML 19B, ZF TE-ML 17B, ZF TE-ML 21A, LOVAT LOV-204

Practice and tested in aggregates with filling

MIL-L-2105D, MB 235.0, MAN 342 Typ M1, FORD SQM-2C-9002 AA

Characteristic

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

Characteristics	Unit	Data	Audit
Colour		brown	visual
Density at 20°C	kg/m ³	895	EN ISO 12185
Viscosity at 40°C	mm ² /s	140,5	DIN 51 562
Viscosity at 100°C	mm ² /s	14,1	DIN 51 562
Viscosity index VI		97	DIN ISO 2909
Flash point (COC)	°C	226	DIN ISO 2592
Pourpoint	°C	-33	DIN ISO 3016

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

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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