



RAVENOL Getriebeöl EPX SAE 90 GL 5

Multi-purpose transmission oil for synchronised and non-synchronised manual transmissions and for axle transmissions, transfer cases, intermediate gear boxes, ancillary transmissions in vehicles and work machines.

RAVENOL Getriebeöl EPX SAE 90 GL-5 was developed to eliminate seasonal transmission oil changes. It can be used during winter and summer. Its universal application minimises the risk of confusion and eases stock-keeping. The balanced additive combination warrants properties such as high pressure capacity, above average viscosity-temperature properties, high oxidation stability, low solidification points, good wear protection and prevents sludge.

Application Notes

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

Use RAVENOL Getriebeöl EPX SAE 90 GL-5 in manual transmissions, axle-, transfer-, intermediate- and ancillary gearboxes in vehicles and work machines.

Quality Classifications

Specifications

API GL-5

Practice and tested in aggregates with filling

MIL-L-2105 D, MAN 342 Typ M1, MB 235.0, ZF TE-ML 16C, ZF TE-ML 05A, ZF TE-ML 17B, Ford SQM-2C-9002AA, ZF TE-ML 19B, ZF TE-ML 21A

Characteristic

RAVENOL Getriebeöl EPX SAE 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, i.e. transmissions stay tight, no oil loss

Characteristics	Unit	Data	Audit
Density at 20°C	kg/m ³	897	EN ISO 12185
Viscosity at 40°C	mm ² /s	140,0	DIN 51 562
Viscosity at 100°C	mm ² /s	15,0	DIN 51 562
Viscosity index VI		115	DIN ISO 2909
Flash point (COC)	°C	210	DIN ISO 2592
Pourpoint	°C	-30	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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