



## RAVENOL Getriebeoel EPX SAE 80W-90 GL 5



**VISCOSITY** 80W-90

**SPECIFICATIONS** API GL-5

**FABRICATION** MINERAL

**APPROVALS** ZF TE-ML 16B | ZF TE-ML 19B | ZF TE-ML 17B | ZF TE-ML 21A | LOVAT LOV-204

**RECOMMENDATIONS** MIL-L-2105 D | MB 235.0 | MAN 342 TYP M1 | FORD SQM-2C-9002 AA

### ART.-NR. 1223205

|        |             |
|--------|-------------|
| 1 L    | 1223205-001 |
| 4 L    | 1223205-004 |
| 10 L   | 1223205-010 |
| 20 L   | 1223205-020 |
| 20 L   | 1223205-B20 |
| 208 L  | 1223205-208 |
| 208 L  | 1223205-D28 |
| 1000 L | 1223205-700 |

*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.

## 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

| Property             | Unit               | Data    | Audit        |
|----------------------|--------------------|---------|--------------|
| Density at 20°C      | kg/m <sup>3</sup>  | 887,0   | EN ISO 12185 |
| Colour               |                    | braun   | visual       |
| Viscosity at 100°C   | mm <sup>2</sup> /s | 14,1    | DIN 51562-10 |
| Viscosity at 40°C    | mm <sup>2</sup> /s | 140,5   | DIN 51562-10 |
| Viscosity index VI   |                    | 97      | DIN ISO 2909 |
| Brookfield Viscosity | mPa*s              | 124.800 | ASTM D 2983  |
| Pourpoint            | °C                 | -33     | DIN ISO 3016 |
| Flash point (COC)    | °C                 | 212     | DIN ISO 2592 |
| Copper Strip Test    |                    | 1a      | ASTM D130    |

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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