

## - Certificate / ProductInformation -

### **RAVENOL Getriebeoel EPX SAE 80 GL 5**

Art. 1223201

MINERAL

TRANSMISSION

Monograde hypoid transmission oil for synchronized and not synchronized manual transmissions and for axle transmissions, transfer cases, intermediate gear boxes, ancillary transmissions in vehicles and work machines.

#### **Description:**

**RAVENOL Getriebeoel EPX SAE 80 GL 5** was developed to eliminate seasonal transmission oil changes. **RAVENOL Getriebeoel EPX SAE 80 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 80 GL 5** is compatible with all name brand transmission oils.

No "flushing" required when switching to **RAVENOL Getriebeoel EPX SAE 80 GL 5**.

Use **RAVENOL Getriebeoel EPX SAE 80 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 80 GL 5** is tried and tested for aggregates specifying:

Specification: API GL-5

Recommendations: MIL-L-2105 D, MAN 342 Typ M1, ZF TE-ML 05A, 07A, 16B, 16C, 16D, 17B, MB 235.0, Ford SQM-2C-9002AA

#### **Technical Characteristics:**

**RAVENOL Getriebeoel EPX SAE 80 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

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**Technical Values:**

Characteristics	Unit	Data	Test according to
Density at 20°C	kg/m <sup>3</sup>	887,0	EN ISO 12185
Colour		brown	visual
Viscosity at 100°C	mm <sup>2</sup> /s	14,1	DIN 51562-1
Viscosity at 40°C	mm <sup>2</sup> /s	137,0	DIN 51562-1
Viscosity Index VI		100	DIN ISO 2909
Brookfield Viscosity at -26°C	mPa*s	124.800	ASTM D2983
Pourpoint	°C	-33	DIN ISO 3016
Flashpoint	°C	215	DIN ISO 2592
Copper Strip Test at 121°C		1a	ASTM D130

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