



# RAVENOL Sperrdiff. Hyp. Getr.öl LS SAE 80W-90 GL-5



1L | 1223303-001  
4L | 1223303-004  
10L | 1223303-010  
20L | 1223303-020  
20L | 1223303-B20  
60L | 1223303-060  
60L | 1223303-D60  
208L | 1223303-208  
208L | 1223303-D28  
1000L | 1223303-700

**Kategorie:** Gear oil for manual transmissions and drive axis

**Artikelnummer:** 1223303

**Viscosity:** 80W-90

**Specification:** API GL-5, MIL-L-2105 D

**Oil type:** Mineral

**Recommendation:** Ford Spezifikation, ZF TE-ML 05C, ZF TE-ML 12C, ZF TE-ML 16E

**RAVENOL Sperrdiff. Hyp. Getr.öl LS SAE 80W-90 GL-5** offers best requirements in differential gears and differential lock.

**RAVENOL Sperrdiff. Hyp. Getr.öl LS SAE 80W-90 GL-5** ensures good adhesion, high pressure-resistant lubricating film and offers excellent "limited slip" (LS) properties against unwanted slip-slip properties. Greatly offset hypoid gear pairs are also under severe operating conditions effectively protected against wear.

## Application Note

**RAVENOL Sperrdiff. Hyp. Getr.öl LS SAE 80W-90 GL-5** was specially developed for use in differential with high requirements on differential with differential lock.

## Characteristics

- Extremely high load carrying capacity
- Excellent wear protection by EP agents
- Excellent resistance to aging
- High oxidation resistance even under high thermal stress
- Good foam / air separation and behave well at high speeds
- Neutrality towards non-ferrous metals and seals
- Excellent viscosity-temperature behavior

## Technical Product Data

| PROPERTY                       | UNIT               | DATA      | AUDIT           |
|--------------------------------|--------------------|-----------|-----------------|
| Density at 20 °C               | kg/m <sup>3</sup>  | 889,0     | EN ISO 12185    |
| Colour                         |                    | gelbbraun | VISUELL         |
| Viscosity at 100 °C            | mm <sup>2</sup> /s | 17,6      | DIN 51562-1     |
| Viscosity at 40 °C             | mm <sup>2</sup> /s | 177,3     | DIN 51562-1     |
| Viscosity Index VI             |                    | 108       | DIN ISO 2909    |
| Brookfield Viscosity at -26 °C | mPa*s              | 114.400   | ASTM D2983      |
| Pourpoint                      | °C                 | -33       | DIN ISO 3016    |
| Flashpoint                     | °C                 | 214       | DIN EN ISO 2592 |
| Copper Strip Test at 121 °C    |                    | 1b        | ASTM D130       |

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