



Motorenöle

Motor oils

Getriebeöle

Gear oils

**Zweitaktöle und
Traktorenöle**

*Two-stroke oils and
tractor oils*

Hydrauliköle

Hydraulic oils

**Industrie- und
Spezialschmierstoffe**

*Industrial and
specialty lubricants*

PENNASOL MULTIGRADE HYPOID GEAR OIL GL 5 SAE 85W-90

PENNASOL MULTIGRADE HYPOID GEAR OIL GL 5 SAE 85W-90 was developed to avoid seasonal gear oil changes. It can be used both in summer and in winter. The fact that it can be used for all purposes minimises the risk of mix-ups and makes stock-keeping simpler. The carefully balanced combination of EP additives and base oils guarantees properties such as good pressure absorption, above-average viscosity-temperature behaviour, high oxidation stability, a low pour point, good wear protection and no sludge.

ACEA/API-specifications:

API GL 5

OEM-Approvals:

MAN 342 Typ M1

MB-Approval 235.0



Meets/suitable for use:

(Meets the requirements of the OEM-Approval. An approval by name from the manufacturer is not present.)

ZF TE-ML 16C, 17B, 19B, 21A

MIL-L-2105D

Volvo 97310

DAF



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|--|--|--|--|--|

Typical characteristics PENNASOL MULTIGRADE HYPOID GEAR OIL GL 5 SAE 85W-90:

(The given data are typical data. Please observe operating prescriptions.)

| Parameter | Method | Unit | |
|--------------------------------------|------------------|--------------------|---------------|
| SAE class | SAE J 300 | | 85W-90 |
| Density 15 °C | DIN EN ISO 12185 | g/cm ³ | 0.889 – 0.899 |
| Kin. viscosity @ 40 °C | DIN 51562 -1 | mm ² /s | 167 |
| Kin. viscosity @ 100 °C | DIN 51562-1 | mm ² /s | 16.2 |
| Viscosity index | DIN ISO 2909 | | 108 |
| Total Base Number | DIN ISO 3771 | mg KOH/g | 2.5 |
| Brookfield Viskosität @ -12°C | DIN 51398 | mPa*s | 13,600 |
| Flash point COC | DIN ISO 2592 | °C | min. 210 |
| Pour Point | DIN ISO 3016 | °C | -24 |

Available Packaging:

| | Bulk | 965 Liter | 208 Liter | 60 Liter | 20 Liter | 4*5 Liter | 4*4 Liter | 12*1 Liter |
|--|------|-----------|-----------|----------|----------|-----------|-----------|------------|
| <i>PENNASOL MULTIGRADE HYPOID GEAR OIL GL 5 SAE 85W-90</i> | • | • | • | • | • | | | |

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