

1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade Name:

VAICO SAE 80W-90 GL-5

VAICO No.:

V60-0227, V60-0228, V60-0229, V60-0230

1.2. Informing department

VIEROL AG | Karlstraße 19 | 26123 Oldenburg | Germany

Telefon +49 441 - 210 20-0 | Telefax +49 441 - 210 20-111

2. PROPERTIES

VAICO SAE 80W- 90 GL-5 is made from carefully chosen base oils and additives. The EP additives in the product form a load-bearing lubricant film on the tooth flanks that prevent scoring even under extreme mechanical load and significantly reduce abrasion. The gear oil is extremely ageing resistant, even under high thermal load. The good low-temperature viscosity is achieved through the high degree of refining of the base oil and the added flow improver. The gear oil contains highly effective active agents that suppress foaming and protect the lubricated machine parts against damage from corrosion. VAICO SAE 80W- 90 GL-5 does not cause damage to conventional sealing materials.

3. USE INSTRUCTIONS

VAICO SAE 80W- 90 GL-5 is recommended for gear systems with hypoid or bevel gears in drive systems in passenger and commercial vehicles, motorbike drive systems and manual gearboxes, unless the use of an engine oil is prescribed.

4. PERFORMANCE DATA

4.1. Specifications:

API GL-5 • MIL-L-2105 C/D

4.2. Recommendations*:

MB approval 235.0

MAN 342 type M-1

Ford SQM-2C-9002 AA

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

Voith 3.325-339

Volvo 97310

DAF

TYPICAL VALUES	METHOD	UNIT	VAICO SAE 80W-90 GL-5
SAE class	DIN 51 511	-	80W-90
Density at 15°C	DIN 51 757	g/cm ³	0.897
Viscosity at -12°C	DIN 51 398	mm ² /s	-
Viscosity at -26°C	DIN 51 398	mm ² /s	130.000
Viscosity at 40°C	DIN 51 562	mm ² /s	140
Viscosity at 100°C	DIN 51 562	mm ² /s	13.9
Viscosity index (VI)	DIN ISO 2909	-	98
COC flash point	DIN ISO 2592	°C	210
Pour point	DIN ISO 3016	°C	- 30
FZG test A/8.3/90	DIN 51 354	SKS	>12

* meets the requirements of the OEM manufacturer

The above values may vary within commercially accepted tolerances