

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

1.1. Product identifier

Trade Name:

VAICO SAE 75W-90 GL-4/5

VAICO No.:

V60-0040, V60-0041, V60-0042, V60-0043

1.2. Informing department

VIEROL AG | Karlstraße 19 | 26123 Oldenburg | Germany

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2. PROPERTIES

VAICO SAE 75W-90 GL-4/5 is a synthetic low-friction gear oil for manual transmissions and heavy-duty axle drives. In comparison with conventional gear oils, VAICO SAE 75W-90 GL-4/5 offers the following advantages:

- Excellent low-temperature properties
- Outstanding thermal stability
- Very high viscosity index
- Excellent shear stability
- Cold shift noise prevention and sound level reduction
- Unrivalled corrosion protection
- Fuel consumption reduction
- Prolonged oil change intervals
- Low abrasion for prolonged gear service life

3. USE INSTRUCTIONS

VAICO SAE 75W-90 GL-4/5 is designed for universal use along the entire power transmission line (Total Drive Line) including synchronised and nonsynchronised manual transmissions, axle gears with or without hypoid meshing and transfer gearboxes in passenger cars and commercial vehicles.

4. PERFORMANCE DATA

4.1. Specifications:

API GL-4/ GL-5/ MT-1 • MIL-L-2105 E

4.2. Recommendations*:

MB approval 235.8

MAN 3343 type S / 341 type E3

SCANIA STO 1:0

ZF TE-ML 02B/05B/07A/12B/16F/19C/21B

TYPICAL VALUES	METHOD	UNIT	VAICO SAE 75W-90 GL-4/5
SAE class	DIN 51 512	-	75W-90
Density at 15°C	DIN 51 757	g/cm ³	0.866
Viscosity at 40°C	DIN ISO 3104	mm ² /s	101
Viscosity at 100°C	DIN ISO 3104	mm ² /s	15
Viscosity at -40°C	CEC L18-A80	mPa.s	66000
Viscosity index (VI)	DIN ISO 2909	-	157
COC flash point	DIN ISO 2592	°C	190
Pour point	DIN ISO 3016	°C	-48

* meets the requirements of the OEM manufacturer

The above values may vary within commercially accepted tolerances