VERSION 07/2012

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

1.1. Product identifier
Trade Name:

VAICO SAE 15W-40

VAICO No.:
V60-0014, V60-0015, V60-0049, V60-0022, V60-0197

1.2. Informing department
VIEROL AG | Karlstraße 19 | 26123 Oldenburg | Germany
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2. PROPERTIES

VAICO SAE 15W-40 Super is a mineral high-performance universal engine oil of viscosity class SAE 15W-40. Base oils produced with the latest refinery technology and carefully selected innovative additives guarantee that the product meets the highest requirements. Among its most outstanding properties are the excellent shear stability at high temperatures and exceptional wear protection under all operating conditions. Cleaning additives prevent deposits, keep pistons and valves clean and protect the engine against black sludge. Clean engines and low friction reduce energy loss in the engine and minimise servicing costs.

3. USE INSTRUCTIONS

VAICO SAE 15W-40 Super is a high-performance engine oil for universal use, even under heavy-duty conditions. It is recommended for passenger car petrol and diesel engines with or without turbocharging. It meets the stringent requirements of modern fuel-efficient engines and the latest emissions standards with a generous safety margin.

4. PERFORMANCE DATA

4.1. Specifications:
ACEA A3/B3/B4/E2 • API SJ/CF-4

4.2. Recommandations*:
MB 229.1

TYPICAL VALUES	METHOD	UNIT	VAICO SAE 15W-40
SAE class	*DIN 51 511*	*-*	*15W- 40*
Density at 15°C	*DIN 51 757*	*g/cm3*	*0,880*
Viscosity at -20°C	*DIN 51 377*	*mPa s*	*6400*
Viscosity at 40°C	*DIN 51 562*	*mm2/s*	*100*
Viscosity at 100°C	*DIN 51 562*	*mm2/s*	*13,5*
Viscosity index (VI)	*DIN ISO 2909*	*-*	*135*
COC flash point	*DIN ISO 2592*	*°C*	*225*
Pour point	*DIN ISO 3016*	*°C*	*- 30*
Total base number	*DIN ISO 3771*	*mgKOH/g*	*9*
Sulphated ash	*DIN 51 575*	*g/100 g*	*1.3*

* meets the requirements of the OEM manufacturer
The above values may vary within commercially accepted tolerances