



# LUBE DE – SAE 5W-30

100% synthetic “Mid SAPS” oil  
for gasoline and diesel engines

## USES

Longlife 100% synthetic oil with “Mid SAPS” technology for diesel engines (with or without a DPF) and gasoline engines (with or without a turbocharger), designed for recent vehicles (from Euro 4).

LUBE DE - SAE 5W-30 is approved by most German car manufacturers for vehicles such as : Volkswagen\* group (Audi, Volkswagen, Seat, Skoda), Porsche, BMW and Mercedes.

This lubricant is compatible with many other OEM engines which require a SAE 5W-30 ACEA C3, API SP or any other specification listed below :

**Approvals** : VW 504.00/VW 507.00; Porsche C30

MB-Approval 229.51; BMW Longlife-04

**Specifications** : ACEA C3; API SP

## MAIN PHYSICAL DATA

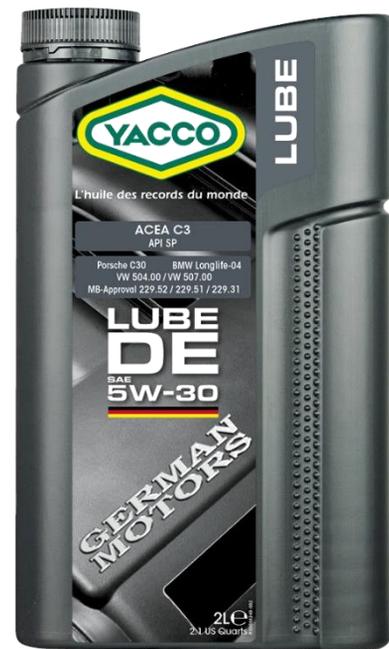
		Methods	Units	5W-30
Density at	20°C	ASTM D4052	kg/m <sup>3</sup>	848
Kinematic viscosity at	40°C	ASTM D445	mm <sup>2</sup> /s	70
Kinematic viscosity at	100°C	ASTM D445	mm <sup>2</sup> /s	12
Viscosity index		ASTM D2270		169
Pour point		ASTM D97	°C	-45
Cleveland Open Cup Flash Point		ASTM D92	°C	234
Dynamic viscosity at	-30°C	ASTM D5293	mPa·s	5800
HTHS viscosity (150 °C)		CEC L-036-90	mPa·s	3.55
Sulphated ash		ASTM D874	% mass	0.68
Total Base Number (TBN)		ASTM D2896	mgKOH/g	7

*The data given in this table represents typical production values and should not be taken as specifications.*

## PROPERTIES & ADVANTAGES

- ▶ 100% synthetic formula, providing outstanding resistance to oxidation, meaning a longer engine lifespan and optimal performance.
- ▶ Grade SAE 5W improves oil flow at low temperatures: ensures immediate and optimal lubrication upon start-up, even at extremely low temperatures.
- ▶ High HTHS viscosity for excellent shear resistance at very high temperatures: enhances the engine protection, even in severe service conditions.
- ▶ “Mid SAPS” formula containing lower levels of sulphated ash, phosphorous and sulphur to prolong the service life of particulate filters and catalytic converters: this helps protect the environment by reducing fuel consumption and exhaust emissions.

\* Except diesel R5 and V10 TDI engines (until 2007) which require VW 506.01 performance oil (YACCO VX 2000 0W-30)



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