

**VOLKSWAGEN Gasoline and Diesel engine oil**  
**Approved VW 505 01 & 502 00**  
**Synthese-Technologie**

## TYPE OF USE

Synthese-Technologie lubricant specially designed for VAG Group (VOLKSWAGEN, AUDI, SKODA and SEAT) vehicles following fixed oil drain intervals (15,000 km in Europe) program, powered by TDI or Turbo Diesel engines fitted with or without Unit Injector pump system (Volkswagen PD), without Diesel Particulate Filter (DPF), or Gasoline engines. Suitable for any type of fuel: leaded or unleaded Gasoline and Diesel fuel.

## PERFORMANCES

STANDARDS	ACEA C3
APPROVALS	FORD WSS M2C 917 A VW 502 00 505 00 505 01

Official VOLKSWAGEN approvals guarantee development and manufacturing process quality of the product especially with regard to anti-oxidation, anti-wear, anti-corrosion and anti-foam properties.

Synthetic base stock provides outstanding lubrication properties in order to handle additional load on valve train due to unit injector actuation, minimizes friction and ensures resistance at high temperature observed in modern engines.

Avoid wear on valve train in order to preserve engine performances.

"Mid SAPS" technology for a better compatibility with latest generation of catalytic converters.

The FORD WSS M2C 917 A specification is required for FORD Galaxy 1.9L TDI until MY2006; and for FORD Ka 1.2L Duratec and 1.3L Duratorq TDCi from MY2008.

## RECOMMENDATIONS

Drain interval: according to manufacturers' recommendations and tune to your own use.

Can be mixed with synthetic or mineral oils.

Before use always refer to the owner manual or handbook of the vehicle.



## SPEC 505 01 5W40 DE

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### PROPERTIES

Viscosity grade	SAE J 300	5W-40
Density at 20°C (68°F)	ASTM D1298	0.848
Viscosity at 40°C (104°F)	ASTM D445	84.9 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	13.9 mm <sup>2</sup> /s
HTHS viscosity at 150°C (302°F)	ASTM D4741	3.7 mPa.s
Viscosity Index	ASTM D2270	167.0
Flash point	ASTM D92	215.0 °C / 419.0 °F
Pour point	ASTM D97	-36.0 °C / -33.0 °F
Sulfated Ash	ASTM D874	0.79 % weight
TBN	ASTM D2896	7.4 mg KOH/g