SPECIFIC
505 01 502 00 5W-40

VOLKSWAGEN Gasoline and Diesel engine oil
Approved VW 505 01 & 502 00
100% Synthetic

TYPE OF USE

100% Synthetic lubricant specially designed for VAG Group (VOLKSWAGEN, AUDI, SKODA, 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	**VW 505 01 – 502 00 – 505 00**
PERFORMANCE	**FORD WSS M2C 917A**

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 917A standard 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.

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 mm²/s
Viscosity at 100°C (212°F)	ASTM D445	13.9 mm²/s
HTHS viscosity at 150°C (302°F)	ASTM D4741	3.7 mPa.s
Viscosity index	ASTM D2270	167
Pour point	ASTM D97	< -36°C / < -32.8°F
Flash point	ASTM D92	215°C / 419°F
Sulfated ash	ASTM D874	0.79% weight
TBN	ASTM D2896	7.4 mg KOH/g

MOTUL - 119 Bd Félix Faure - 93303 AUBERVILLIERS CEDEX - BP 94 – Tel : 33 1 48 11 70 00 – Fax : 33 1 48 33 28 79 – Web Site: www.motul.com