



MOTUL SPECIFIC 504 00 507 00 0W-30

DPF SCR

VOLKSWAGEN Gasoline and diesel engine oil
Approved VW 504 00 & 507 00
Synthetic Technology

TYPE OF USE

Lubricant Synthetic technology "Fuel Economy" High Performance specifically designed for VAG Group recent cars (VOLKSWAGEN, AUDI, SKODA, and SEAT) fitted with Euro 4, 5 and 6 engines that require lubricants with low Sulfated Ash, low Sulfur and low Phosphorus rates (SAPS level).

MOTUL SPECIFIC 504 00 507 00 0W-30 is fully backward compatible over previous VW oil standards such as VW 501 01, 502 00, 503 00 and 503 01 for Gasoline engines, and VW 505 00, 505 01, 506 00 and 506 01 for Diesel engines.

VOLKSWAGEN vehicles fitted with R5 and V10 TDI engines from MY2003 to MY2007 must only use an approved VW 506 01 lubricant in viscosity grade SAE 0W-30 (MOTUL SPECIFIC 506 01 506 00 503 00 0W-30).

Oil drain intervals remain fixed at 15,000 km in Europe for any car calling exclusively for VW 501 01, 502 00, 505 00 or 505 01 lubricants even if the vehicle is using MOTUL SPECIFIC 504 00 507 00 0W-30 or MOTUL SPECIFIC 504 00 507 00 5W-30.

If in doubt, before use always refer to the owner's manual.

PERFORMANCES

STANDARDS ACEA C3

APPROVALS PORSCHE C30
VW 504 00 507 00

Engines compliant with Euro 4, 5 and 6 emission regulations are fitted with sensitive exhaust gas after treatment systems. Indeed, Sulfur and Phosphorus inhibit catalytic converters operation leading to inefficient exhaust gas treatment; and Sulfated Ashes clog DPFs (Diesel Particulate Filters) leading to shorten regenerating cycle, quick oil aging, higher fuel consumption, and engine power loss.

VOLKSWAGEN has developed VW 504 00 and 507 00 standards for lubricants with low Sulfur, Phosphorus and Sulfated Ash contents, compatible with their after treatment systems such as catalytic converters, SCR (Selective Catalytic Reduction) and DPF, in order to guarantee a perfect durability of VAG group engines (VOLKSWAGEN, AUDI, SKODA, SEAT). These types of oils allow flexible extended drain intervals managed by vehicles on-board computer.

Viscosity grade SAE 0W-30 minimizes lubricant hydrodynamic friction, allows fuel economy benefits especially when the oil is cold.

Improves oil flow at start up, faster oil pressure build up, faster rev raisings and reach operating temperature faster.

Provides better engine response and driving comfort.

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development.

Product specifications are definitive from the order which is subject to our general conditions of sale and warranty.

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Environment friendly, this type of oil allows fuel consumption reduction and therefore minimizes greenhouse gases (CO₂) emissions.

The engine cleanliness required by VW 504 00 VW 507 00 standards is very important when it comes to flexible drain intervals varying from 30,000 and up to 50,000 km. Deposits and other combustion residues on the piston and the piston ring grooves can lead to irreversible damages for the engine such as piston wear, cylinder bore polishing and excessive oil consumption.

On vehicles running tests, MOTUL SPECIFIC 504 00 507 00 0W-30 demonstrates its superiority in terms of engine cleanliness, crucial for perfect engine protection:

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Regarding engine protection, especially wear protection, MOTUL SPECIFIC 504 00 507 00 0W-30 protects your engine as demonstrated, here on the timing system, on the VW general engine wear test 650 hours:

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RECOMMENDATIONS

Drain interval: refer to manufacturer's recommendations and tune to your own use.

Do not mix with non VW 504 00 507 00 approved oils.

When in doubt, always refer to the vehicle owner's manual.

PROPERTIES

Viscosity grade	SAE J 300	0W-30
Density at 20°C (68°F)		0.840
	ASTM D445	63.6 mm ² /s
Viscosity at 40°C (104°F)		
	ASTM D445	12.1 mm ² /s
Viscosity at 100°C (212°F)		
HTHS viscosity at 150°C (302°F)	ASTM D4741	3.5 mPa.s
	ASTM D2270	191.0
Viscosity Index		

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Pour point	ASTM D97	-51.0 °C / -60.0 °F
Sulfated Ash	ASTM D874	% weight
		0.78
TBN	ASTM D2896	8.2 mg KOH/g
Flash point	ASTM D92	228.0 °C / 442.0 °F

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