MOTUL SPECIFIC 508 00 509 00 0W-20

FUEL ECO DPF

Petrol & Diesel engine oil – Volkswagen
100% Synthetic

TYPE OF USE

High Performance 100% Synthetic **Fuel Economy** Engine Oil specially designed for VAG group latest generation engines requiring an approved VW 508 00 509 00 lubricant. Particularly dedicated to some high performance petrol and Diesel engines from VW, AUDI, SKODA and SEAT brands, fitted with catalytic converters (CAT) and Diesel Particulate Filter (DPF).

Suitable also for engines requiring a 0W-20 viscosity grade Fuel Economy lubricant type with ACEA C5 or API SP standards.

Suitable for all types of fuels: petrols, Diesels and biofuels.

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

PERFORMANCES

This 100% Synthetic engine oil is exclusively formulated to lubricate the latest generation of VAG group petrol and Diesel engines from VW, AUDI, SKODA and SEAT requiring VW 508 00 509 00 specification.

Specific latest generation of VW and AUDI engines, high performance petrol and Diesel, require a very dedicated lubricant because they provide way more efforts and run at increased temperatures, while providing the same performance levels as the previous engine generations they replace.

The standard VW 508 00 509 00 is particularly demanding on the Fuel Economy performance and associated with the ACEA C5 standard for lubricants, MOTUL SPECIFIC 508 00 509 00 0W-20 provides significant energy saving performance (up to 1.5% compare to a 5W-30 reference oil). This improved fuel economy implies lower levels of pollutants and fully satisfies commitments of manufacturers such as VW, AUDI, SKODA and SEAT for CO_2 reduction.

VW 508 00 509 00 specification is a unique specification and therefore is not backward compatible and do not cover over any other VW standards.

The Porsche C20 specification is very demanding for the lubricant in terms of oil film resistance. It applies to all PORSCHE engines requiring this C20 standard, currently Porsche Macan R4 except for the Chinese market, as well as some Panamera and Cayenne.

The FORD WSS-M2C956-A1 specification is based on the VW 508 00 509 00 standard and applies to FORD petrol and Diesel engines resulting from the partnership with VW, such as for example on Ford Tourneo Connect from MY2021.

MOTUL SPECIFIC 508 00 509 00 0W-20 delivers outstanding oil film resistance, while facilitating cold start, reducing friction in the engine, maintaining the oil pressure and lowering engine operating temperatures.

Through its exceptional lubricating properties, MOTUL SPECIFIC 508 00 509 00 0W-20 provides high level of wear resist-

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.

MOTUL - 49 Kyalami Blvd, Kyalami Business Park - 1684 - Midrand - +27820454357 - www.motul.com

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ance, high temperature resistance and oxidation resistance. It reduces the formation of deposits, reduces wear and enables perfect control of oil consumption.
Viscosity grade SAE 0W-20 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.
Environment friendly, this type of oil allows fuel consumption reduction and therefore minimizes greenhouse gases (CO_2) emissions.

RECOMMENDATIONS

Drain interval: according to manufacturers' recommendations and to be adapted to your own use.
MOTUL SPECIFIC 508 00 509 00 0W-20 can be mixed with synthetic or mineral oils.
Before use always refer to the owner manual of the vehicle.

PROPERTIES

Color	Visual	Green
Viscosity grade	SAE J 300	0W-20
Density at 20°C (68°F)	ASTM D1298	0.838
Viscosity at 40°C (104°F)	ASTM D445	41.8 mm²/s
Viscosity at 100°C (212°F)	ASTM D445	8.1 mm²/s
HTHS viscosity at 150°C (302°F)	ASTM D4741	2.6 mPa.s
Viscosity Index	ASTM D2270	172.0
Pour point	ASTM D97	-45.0 °C / -49.0 °F
Sulfated Ash	ASTM D874	% weight 0.78
TBN	ASTM D2896	9.6 mg KOH/g
Flash point	ASTM D92	226.0 °C / 439.0 °F

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STANDARDS	
ACEA	C5
API	PERFORMANCE SP
FORD	WSS-M2C956-A1
PORSCHE	C20
VW	508 00 509 00

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