



# SPECIFIC 508 00 509 00 0W-20



**Gasoline & 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 Gasoline and Diesel engines from VW and AUDI 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 A1 / B1 standard.

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

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

## PERFORMANCES

STANDARDS                      ACEA A1 / B1

APPROVALS                    **VW 508 00 – 509 00**  
PORSCHE C20

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

Specific latest generation of VW and AUDI engines, high performance Gasoline 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 A1 / B1 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 and AUDI for CO<sub>2</sub> 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 standard, currently Porsche Macan R4 except for the Chinese market.

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.

Viscosity grade SAE 0W-20 minimizes lubricant hydrodynamic friction, allows fuel economy benefits especially when the oil is cold.

Through its exceptional lubricating properties, MOTUL SPECIFIC 508 00 509 00 0W-20 provides high level of wear resistance, high temperature resistance and oxidation resistance. It reduces the formation of deposits, reduces wear and enables perfect control of oil consumption.

Anti-wear, Anti-corrosion, Anti-foam properties.

## RECOMENDATIONS

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

	Visual	Green
Color		
Viscosity grade	SAE J 300	<b>0W-20</b>
Density at 20°C (68°F)	ASTM D1298	0.833
Viscosity at 40°C (104°F)	ASTM D445	38.5 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	7.8 mm <sup>2</sup> /s
Viscosity HTHS at 150°C (302°F)	ASTM D4741	2.5 mPa.s
Viscosity Index	ASTM D2270	179
Pour point	ASTM D97	-52°C / -62°F
Flash point	ASTM D92	222°C / 432°F
Sulfated ash	ASTM D874	0.79% weight
TBN	ASTM D2896	8.3 mg KOH/g