



Passenger car engine oils - Fully Synthetic

Eurol Syntence LV 0W-20

VW 508.00/509.00 "blue" oil for specific engines of Volkswagen Group

Description

Eurol Syntence LV 0W-20 is a longlife PAO-based oil formulation with a universal applicability in gasoline and diesel engines for specific Volkswagen, Audi, Skoda, Seat vehicles requiring the VW 508.00/509.00 specification.

Eurol Syntence LV 0W-20 is having green coloring (not "blue") and Zirconium marker. These properties are mandatory for a VW reblend approval.

Eurol Syntence LV 0W-20 enables the engine to perform under severe driving conditions (motorway and urban traffic) due to its special additive package. Also improved fuel economy (> 4% benefit when compared to a SAE 15W-40 reference oil) and exhaust emission reduction can be obtained with this product. Because of the unique formulation, the oil has a low evaporation tendency, minimizing oil consumption.

Eurol Syntence LV 0W-20 is going to be formally approved for the VW 508.00/509.00 specification, along with the first fill specification VW TL 52577. Only the two VW specifications are valid on this 0W-20 formulation, although the Porsche C20 specification may be implemented as compatible. Eurol Syntence LV 0W-20 is not backward compatible with the earlier Volkswagen specifications required in certain versions of the older engines.

Eurol Syntence LV 0W-20 is recommended for the new EA888 Gen III 2.0 TFSI 140 KW, VW 1.5 TSI 96 KW/110KW and EA897 Gen I 3.0 TDI CR 160 KW Volkswagen/Audi engines. It is expected that 15 to 20 new "blue" oil capable engines types will be introduced in the near future, representing 50% of total VW production, including Audi, Skoda and Seat brands.

Approved

- VW 508.00 / 509.00

Performance level

- API SP
- ACEA C6
- ACEA C5
- Porsche C20
- ILSAC GF-6
- API SN Plus

Recommended for use

- Ford WSS-M2C956-A1

Physical properties

Colour	Green	
Density at 20°C	0.834 kg/l	ASTM D 4052
Viscosity, kinematic at 40°C	42.3 cSt	ASTM D 445
Viscosity, kinematic at 100°C	8.1 cSt	ASTM D 445
Viscosity Index	168	ASTM D 2270
Viscosity, dynamic (CCS)	5300 cP	ASTM D 5293
HTHS	2.6 cP	CEC CL 23
Base number	8.3 mg	ASTM D 2896
Sulphated ash	0.8 wt%	ASTM D 874
Flash point	230 °C	ASTM D 93
Pour point	-45 °C	ASTM D 97

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Eurol B.V. Energiestraat 12, 7442 DA Nijverdal, The Netherlands, tel. +31 548 61 51 65, www.eurol.com

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