

Overview VW Specifications Engine oils for VW gasoline and diesel engines

Dear Sir or Madam,

We would like to inform you about the new VW specification VW 508 00 / 509 00 and present a new product of the TITAN GT1 series in this context.

What are the changes introduced in the new VW specification VW 508 00 / 509 00?

This specification pertains to the so-called "VW Blue Oil" for the latest VW engine generations. This specification mandates the use of oil in viscosity class SAE 0W-20, which also delivers lower HTHS viscosity of at least 2.6 mPa.s. The aim is to attain fuel conservation levels of at least 4%. The first few motors of this series have been on the market since the end of 2015, the launch of large scale production was the end of 2016. The product is **not reverse compatible** with previous VW specifications.

TITAN GT1 LONGLIFE IV SAE 0W-20

We are pleased to announce that we have introduced the TITAN GT1 LONGLIFE IV SAE 0W-20 in our portfolio. The TITAN GT1 LONGLIFE IV SAE 0W-20 is approved by the VW 508 00 / 509 00 and now available.

TITAN GT1 LONGLIFE IV SAE 0W-20

Specifications	Approvals	FUCHS Recommendations
ACEA A1/B1	VW 508 00 / 509 00	PORSCHE C20

The product is available in 1L, 4L, 20L and 205L packages.

Are VW's specifications reverse compatible?

Most of the individual VW specifications are in fact reverse compatible. Hence, VW specification 504 00 can also be applied to all scenarios that call for older VW specifications for gasoline engines. VW 507 00 can also be applied to the respective earlier generation diesel specifications. The only exceptions are the R5 and V10 TDI engines through manufacturing year 2006. For these engines, the use of a product that complies with VW 506 01 (TITAN Supersyn LONGLIFE PLUS SAE 0W-30) is mandatory.

At the moment it is possible to use the VW 504 00 / 507 00 as service fill in many, but not in all engines, which require the VW 508 00 / 509 00. For further information, please refer to the service manual.

On the following pages you will find an overview of VW's engine specifications, the respective oil change intervals and the approved FUCHS products.

Gasoline Engines

Specification	Oil Change Interval	FUCHS Product	Comments
VW 500 00	max. 15,000 km	→ Superseded by VW 502 00	Obsolete
VW 501 00	max. 15,000 km	→ Superseded by VW 502 00	Obsolete
VW 501 01	max. 15,000 km	<i>TITAN FORMULA SAE 15W-40*</i>	Obsolete
VW 502 00	max. 15,000 km	TITAN GT1 PRO FLEX SAE 5W-30 XTL TITAN GT1 SAE 5W-40 XTL TITAN Supersyn LONGLIFE SAE 0W-30 TITAN Supersyn LONGLIFE SAE 0W-40 TITAN Supersyn LONGLIFE SAE 5W-40 TITAN Supersyn SAE 5W-30 TITAN Supersyn SAE 5W-40 TITAN SYN MC SAE 10W-40 TITAN GT1 PRO GAS SAE 5W-30 TITAN GT1 PRO GAS SAE 5W-40 TITAN SYN PRO GAS SAE 10W-40	Low friction oils for gasoline engines working under tougher usage conditions. Supersedes VW 501 01, VW 501 00 und VW 500 00.
VW 503 00	max. 30,000 with WIV (variable)	TITAN Supersyn LONGLIFE PLUS SAE 0W-30	Standard for passenger car gasoline engines with maintenance interval extension. Exceeds the requirements of VW 502 00.
VW 503 01	max. 30,000 WIV (variable)	→ Superseded by VW 504 00	Obsolete
VW 504 00	max. 30,000 km WIV (variable)	TITAN GT1 PRO C-3 SAE 5W-30 XTL TITAN GT1 LONGLIFE III SAE 5W-30	Service engine oils SAE 0W-30 or SAE 5W-30 with reduced ash content for all spark ignition engines with extended oil change intervals. Reverse compatible.
VW 508 00	WIV (variable)	TITAN GT1 LONGLIFE IV SAE 0W-20	Service engine oil SAE 0W-20 with reduced ash content and special fuel saving properties for spark ignition engines with extended oil change intervals. Not reverse compatible.

Diesel Engines

* *Cursive* = FUCHS Recommendation

Specifications	Oil Change Interval	FUCHS Product	Comments
→ VW 505 00	max. 15,000 km	TITAN GT1 PRO FLEX SAE 5W-30 XTL TITAN GT1 SAE 5W-40 XTL TITAN Supersyn LONGLIFE SAE 0W-30 TITAN Supersyn LONGLIFE SAE 0W-40 TITAN Supersyn LONGLIFE SAE 5W-40 TITAN Supersyn SAE 5W-30 TITAN Supersyn SAE 5W-40 TITAN SYN MC SAE 10W-40 TITAN FORMULA SAE 15W-40 TITAN GT1 PRO GAS SAE 5W-40 TITAN SYN PRO GAS SAE 10W-40 <i>TITAN UNIMAX ULTRA MC SAE 10W-40*</i> <i>TITAN UNIVERSAL HD SAE 15W-40*</i>	Year-round engine oils for diesel engines with and without turbo charger.
→ VW 505 01	max. 15,000 km	TITAN GT1 PRO FLEX SAE 5W-30 XTL TITAN GT1 SAE 5W-40 XTL TITAN GT1 PRO GAS SAE 5W-40	Year-round engine oils especially for pump-nozzle diesel engines.
→ VW 506 00	max. 30,000 – 35,000 km	→ Superseded by VW 506 01	Obsolete
→ VW 506 01	max. 50,000 km WIV (variable)	TITAN Supersyn LONGLIFE PLUS SAE 0W-30	Use mandatory for R5 and V10 TDI engines up to manufacturing year MJ 2006
VW 507 00	max. 30.000 km WIV (variable)	TITAN GT1 PRO C-3 SAE 5W-30 XTL TITAN GT1 LONGLIFE III SAE 5W-30	Service engine oils SAE 0W-30 or SAE 5W-30 with lower ash content for all diesel engines with extended oil change intervals, including for engines with particle filters. Reverse compatible.
→ VW 509 00	WIV (variable)	TITAN GT1 LONGLIFE IV SAE 0W-20	Service engine oil SAE 0W-20 with lower ash content and special fuel saving properties for diesel engines with extended oil change intervals as well as for diesel engines with particle filter and internal regeneration. Not reverse compatible.