

## TITAN GT1 LONGLIFE IV SAE 0W-20

**Premium Performance Engine Oil in ground-breaking viscosity class. Specially designed for modern VW vehicles, for extreme fuel-economy characteristics and reduced CO<sub>2</sub> emissions. Excellent cold starting behaviour, very fast oil circulation and outstanding performance reserves.**

### Description

TITAN GT1 LONGLIFE IV SAE 0W-20 is an innovative product within the spectrum of low viscosity motor oils. The one-of-a-kind structure with fully synthetic base oils combined with the highly advanced FUCHS additives technology delivers a high performance motor oil that is absolutely top of the line. The special composition of TITAN GT1 LONGLIFE IV SAE 0W-20 conserves a lot of fuel – more than 4% in the M111 FE Test, which also results in reduced CO<sub>2</sub> emissions. The extremely high thermal capacity and the optimized carbon bearing capabilities of TITAN GT1 LONGLIFE IV SAE 0W-20 offer enormous benefits for engines that have to handle a lot of strain.

### Application

TITAN GT1 LONGLIFE IV SAE 0W-20 was developed specifically for use in new VW gasoline and diesel engines and has been approved for engines that require an oil that is compatible with the specifications of VW 508 00/509 00. Although it delivers maximum rarefaction in terms of viscosity, TITAN GT1 LONGLIFE IV SAE 0W-20 offers optimum wear and tear characteristics and performance reserves even in combination with extended oil change intervals. **TITAN GT1 LONGLIFE IV SAE 0W-20 is not reverse compatible with earlier VW specifications. Consequently, it may be used only in the engines it has been approved for!** TITAN GT1 LONGLIFE SAE 0W-20 can be blended and is compatible with conventional motor oils. To take full advantage of the benefits of TITAN GT1 LONGLIFE IV SAE 0W-20, do not mix with other motor oils. A complete replacement of the oil when switching to TITAN GT1 LONGLIFE IV SAE 0W-20 is recommended. For safety and disposal information, please consult the latest safety data sheet.

### Advantages/Benefits

- Developed specifically for modern VW gasoline and diesel engines that have been approved for the use of this oil
- Considerably reduced fuel consumption by more than 4% in the M111 FE Test thanks to its low dynamic viscosity at 150°C (HTHS) in combination with fully synthetic base oils
- Reduced CO<sub>2</sub> emissions
- Outstanding cold start performance
- Allows for extended oil change intervals
- Superior wear and tear protection under all operating conditions despite its extremely low viscosity
- Suitable for selected hybrid vehicles depending on OEM requirements

### Specifications

- ACEA C5

### Approvals

- PORSCHE C20
- VW 508 00/509 00

### FUCHS Recommendations

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## TYPICAL CHARACTERISTICS

Density at 15 °C	DIN 51757	0.837 g/ml
SAE grade	SAE J300	0W-20
Kinematic Viscosity at 40°C	DIN 51562-1	39.9 mm <sup>2</sup> /s
Kinematic Viscosity at 100°C	DIN 51562-1	8.0 mm <sup>2</sup> /s
Viscosity Index	DIN ISO 2909	177
HTHS	CEC L-036-90	≥ 2.6 and < 2.9 mPa*s
Pourpoint	DIN ISO 3016	-54 °C
Sulphated ash	ASTM D874	≤ 0.8 % m/m
Product dyeing	DIN 10964	green