

TITAN GT1 FLEX 5 SAE 0W-20

Premium Performance Engine Oil with new XTL-Technology in path-breaking viscosity class. Specially designed for highly stressed downsized engines with maximum power output, for extreme fuel-economy characteristics and reduced CO₂ emissions. Excellent cold starting behavior, very fast oil circulation and outstanding performance reserves.

Description

TITAN GT1 FLEX 5 SAE 0W-20 is a highly innovative product in the range of engine oils with lowest viscosity. The unique formulation based on XTL-Technology in conjunction with the further developed FUCHS additive technology provides the high-performance engine oil TITAN GT1 FLEX 5 SAE 0W-20. The unique advantages of XTL-Technology for highly stressed engines, downsized aggregates or engines with Start- Stop-Systems have been improved. Significant improvements in power output and fuel economy were received by lowering the dynamic viscosity.

Application

Due to its conceptual design, TITAN GT1 FLEX 5 SAE 0W-20 can be used in a variety of modern vehicles. Especially in selected models from BMW, Mercedes-Benz, Opel and VOLVO, but also for a large number of Asian and American manufacturers (API SP RC & ILSAC GF-6A).

TITAN GT1 FLEX 5 SAE 0W-20 is miscible and compatible with conventional branded engine-oils. However, intermixtures with other engine oils should be avoided in order to fully utilize the product's benefits. Respectively a complete oil change is recommended when converting to TITAN GT1 FLEX 5 SAE 0W-20. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Advantages/Benefits

- Universally applicable for diesel and gasoline engines of many manufacturers
- Reduced fuel consumption (up to 3.6% compared to conventional oils)
- Less CO₂ emissions
- Outstanding wear protection under all operating conditions
- Protection against Low-Speed Pre-Ignition (LSPI)
- Optimized engine cleanliness
- Improved ageing stability due to XTL-Technology also in high speed driving and high outside temperatures

Specifications

- ACEA C5/C6
- API SN PLUS RC
- API SP RC
- ILSAC GF-GA

Approvals

- BMW LONGLIFE-17 FE+
- JAGUAR LAND ROVER STJLR.03.5006
- MB-APPROVAL 229.71
- MB-APPROVAL 229.72
- OV 040 1547

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FUCHS Recommendations

- CHRYSLER MS-12145
- FIAT 9.55535-GSX
- FORD WSS-M2C947-A
- FORD WSS-M2C947-B1
- FORD WSS-M2C962-A1
- ILSAC GF-5
- JAGUAR LAND ROVER STJLR.51.5122
- VOLVO VCC RBS0-2AE

PMA FLC, 09.22.2021, Page 2

TITAN GT1 FLEX 5 SAE 0W-20

TYPICAL CHARACTERISTICS

Density at 15 °C	DIN 51757	0.844 g/ml
SAE grade	SAE J300	0W-20
Kinematic Viscosity at 40°C	DIN 51562-1	41.4 mm ² /s
Kinematic Viscosity at 100°C	DIN 51562-1	8.2 mm ² /s
Viscosity Index	DIN ISO 2909	177
HTHS	CEC-L-36-90	≥ 2.6 mPas
Pour point	DIN ISO 3016	-54 °C
Sulphated ash	ASTM D874	≤ 0.8 % m/m
Product dyeing	DIN 10964	none

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For this reason, universally-valid statements about the function of our products are not possible. The information given in this Product Information sheet represents general, non-binding guidelines. No warranty expressed or implied is given concerning the properties of the product or its suitability for any given application.

We therefore recommend you consult a FUCHS LUBRICANTS CO. Application Engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

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