

Product Information

MOVING YOUR WORLD



TITAN GT1 FLEX 5 SAE 0W-20

Premium Performance engine oil. Specifically designed for highly loaded downsized engines with maximum power output, for extreme fuel economy and reduced CO₂ emissions. Excellent cold starting behaviour, very fast oil circulation, and outstanding performance reserves. With BluEV Technology, additionally applicable in hybrid vehicles of different manufacturers.

Description

TITAN GT1 FLEX 5 SAE 0W-20 is a Premium Performance engine oil with innovative technology in the range of engine oils with lowest viscosity. Thanks to its modern BluEV Technology formulation, the product TITAN GT1 FLEX 5 SAE 0W-20 meets the requirements of conventional as well as hybrid engines. TITAN GT1 FLEX 5 SAE 0W-20 offers significant benefits in highly loaded engines, especially also in the latest downsized engines with or without stop-start systems. Through lowering the dynamic viscosity significant improvements in power output and fuel economy were achieved.

Application

Thanks to its innovative design, TITAN GT1 FLEX 5 SAE 0W-20 can be used in a variety of modern vehicles. TITAN GT1 FLEX 5 SAE 0W-20 was tested and has been approved according to the latest standards of BMW, Mercedes-Benz & Opel. TITAN GT1 FLEX 5 SAE 0W-20 is ideally suited for a large number of Asian and American manufacturers, as well as for many hybrid engines. TITAN GT1 FLEX 5 SAE 0W-20 was originally developed for conventional applications but additionally fulfills the requirements in selected hybrid applications according to the manufacturers specifications. BluEV Technology therefore builds the bridge between existing and new lubricant applications. TITAN GT1 FLEX 5 SAE 0W-20 is miscible and compatible with conventional, branded engine oils. However, mixing with other engine oils should be

avoided in order to fully exhaust this product's benefits. A complete oil drain 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

- Universally applicable for diesel, petrol and gas engines of a large number of manufacturers.
- Significant reduction of fuel consumption of up to 3,6%.
- Reduced CO₂ emissions.
- Superior wear protection under all operating conditions despite its extremely low viscosity.
- Excellent ageing stability.
- Protection against Low-Speed Pre-Ignition (LSPI).
- Excellent engine cleanliness.
- Thanks to BluEV Technology suitable for selected hybrid vehicles.

Specifications

- ACEA C6, C5
- API SP RC
- API SN PLUS RC
- ILSAC GF-6A

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Approvals

- BMW LONGLIFE-17 FE+
- JAGUAR LAND ROVER STJLR.03.5006
- MB-APPROVAL 229.71
- MB-APPROVAL 229.72
- OPEL OV0401547 - A20

FUCHS Recommendations

- CHRYSLER MS-12145
- FIAT 9.55535-GSX
- FORD WSS-M2C947-A
- FORD WSS-M2C947-B1
- FORD WSS-M2C954-A1
- FORD WSS-M2C962-A1
- ILSAC GF-5
- JAGUAR LAND ROVER STJLR.51.5122
- VOLVO VCC RBS0-2AE

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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 at 150°C	CEC L-36-90	≥ 2,6 & < 2,9 mPa*s
Pour Point	DIN ISO 3016	-54 °C
Sulphated Ash	ASTM D874	≤ 0,8 % m/m
Product Dyeing	DIN 10964	none

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Notes

The information contained in this product information is based on the experience and know-how of FUCHS LUBRICANTS (UK) plc in the development and manufacturing of lubricants and represents the current state-of-the-art. The performance of our products can be influenced by a series of factors, especially the specific use, the method of application, the operational environment, component pre-treatment, possible external contamination, etc. For this reason, universally valid statements about the function of our products are not possible.

Our products must not be used in aircraft or spacecraft. Our products may be used in manufacture of components for aircraft or spacecraft if they are removed without residue from the components prior to assembly into the aircraft or spacecraft.

The information given in this product information 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 that you consult a FUCHS LUBRICANTS (UK) plc 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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