

Product Information

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TITAN GT1 FLEX 952 SAE 0W-20

Premium Performance fuel-economy engine oil for modern passenger cars and light commercial vehicles. Specifically designed for modern FORD vehicles, for excellent fuel-economy characteristics and reduced CO₂ emissions. Excellent cold starting behaviour, very fast oil circulation, and outstanding performance reserves.

Description

TITAN GT1 FLEX 952 SAE 0W-20 is an innovative low-viscosity engine oil. The unique formulation based on XTL® Technology in conjunction with further developed FUCHS additive technology provides the high performance of TITAN GT1 FLEX 952 SAE 0W-20. The unique lubrication properties of the XTL® Technology offer significant benefits in highly loaded engines, especially also in the latest downsized engines with or without stop-start systems. Significant improvements in fuel economy and CO₂ emissions were achieved by lowering the dynamic viscosity and employing a new additive technology of TITAN GT1 FLEX 952 SAE 0W-20.

Application

TITAN GT1 FLEX 952 SAE 0W-20 was especially developed for the FORD specification FORD WSS-M2C952-A1. TITAN GT1 FLEX 952 SAE 0W-20 is suitable for vehicles running on petrol, diesel, or gas (LPG, CNG), and with modern exhaust gas aftertreatment systems. TITAN GT1 FLEX 952 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 952 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 952 SAE 0W-20. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Advantages

- Especially developed for engines of FORD.
- Outstanding fuel efficiency and thus reduced CO₂ emissions.
- Superior wear protection under all operating conditions despite its extremely low viscosity.
- Protection against Low-Speed Pre-Ignition (LSPI).
- Excellent engine cleanliness.
- Outstanding ageing stability based on XTL® Technology, even at high speeds and high ambient temperatures.
- Suitable for selected hybrid vehicles subject to OEM requirements.

Specifications

- ACEA C6, C5
- API SN PLUS
- API SP
- FORD WSS-M2C952-A1

Approvals

- JAGUAR LAND ROVER STJLR.03.5006
- MB-APPROVAL 229.71
- OPEL OV0401547 - A20

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FUCHS Recommendations

- FORD WSS-M2C947-A
- FORD WSS-M2C947-B1
- FORD WSS-M2C962-A1
- ILSAC GF-5

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TYPICAL CHARACTERISTICS

Density at 15°C	DIN 51757	0.843 g/ml
SAE Grade	SAE J300	0W-20
Kinematic Viscosity at 40°C	DIN 51562-1	39.7 mm ² /s
Kinematic Viscosity at 100°C	DIN 51562-1	8.3 mm ² /s
Viscosity Index	DIN ISO 2909	190
HTHS	ASTM D4683	2.75 mPa*s
Pour Point	DIN ISO 3016	-42 °C
Sulphated Ash	DIN 51575	≤ 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.

Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without warning, unless otherwise provided in customer-specific agreements. With the publication of this product information, all previous editions cease to be valid. Any form of reproduction requires express prior written permission from FUCHS LUBRICANTS (UK) plc.

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