

Product Information

MOVING YOUR WORLD



TITAN GT1 FLEX C23 SAE 5W-30

Premium Performance engine oil with excellent fuel economy, optimum cold start behaviour and outstanding performance reserves. For modern passenger cars and light commercial vehicles with or without extended oil drain intervals. Additionally applicable in hybrid vehicles of different manufacturers such as Audi or Mercedes-Benz.

Description

TITAN GT1 FLEX C23 SAE 5W-30 is a Premium Performance engine oil for passenger cars and vans. Due to its additive technology with reduced SAPS content (Sulphated Ash, Phosphor and Sulphur) TITAN GT1 FLEX C23 SAE 5W-30 protects exhaust gas aftertreatment systems and improves their durability. TITAN GT1 FLEX C23 SAE 5W-30 provides excellent cold start properties and a fast oil circulation in the whole engine at low temperatures. Significant improvements in power output and fuel economy were achieved compared to conventional products of the same SAE class.

Application

TITAN GT1 FLEX C23 SAE 5W-30 is suitable for vehicles running on petrol, diesel, or gas (LPG, CNG), and with modern exhaust gas aftertreatment systems. Even engine generations of the late 90s and early 2000s can be changed over to TITAN GT1 FLEX C23 SAE 5W-30. TITAN GT1 FLEX C23 SAE 5W-30 is ideally suited for a large number of Asian and American manufacturers, as well as for many hybrid engines. TITAN GT1 FLEX C23 SAE 5W-30 should only be used in diesel engines, when also low sulphur diesel fuel is used.

TITAN GT1 FLEX C23 SAE 5W-30 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 C23 SAE 5W-30. 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.
- Protection against Low-Speed Pre-Ignition (LSPI).
- Excellent ageing stability.
- Protects exhaust gas aftertreatment systems because of a low content of sulphated ash, phosphorus and sulphur (Low-SAPS).
- Suitable for selected hybrid vehicles subject to OEM requirements.

Specifications

- ACEA C3, C2
- API SP

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Approvals

- BMW LONGLIFE-04
- MB-APPROVAL 229.31
- MB-APPROVAL 229.51
- MB-APPROVAL 229.52
- OPEL OV0401547 - D30
- OPEL OV0401547 - G30

FUCHS Recommendations

- CHRYSLER MS-11106
- FIAT 9.55535-S1 / -S3
- GM-LL-A-025
- GM-LL-B-025
- IVECO 18-1811 CLASSE SC1
- VW 505 00/505 01

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TYPICAL CHARACTERISTICS

Density at 15°C	DIN 51575	0.85 g/ml
SAE Grade	SAE J300	5W-30
Kinematic Viscosity at 40°C	DIN 51562-1	68.9 mm ² /s
Kinematic Viscosity at 100°C	DIN 51562-1	11.6 mm ² /s
Viscosity Index	DIN ISO 2909	164
HTHS	CEC L-36-90	≥ 3,5 mPa*s
Pour Point	DIN ISO 3016	-45 °C
Sulphated Ash	ASTM D874	≤ 0,8 %
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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