

TITAN GT1 FLEX 23 SAE 5W-30

Premium Performance, extreme fuel-economy engine oil with optimum cold start ability and outstanding performance reserves for modern passenger cars and light commercial vehicles with or without extended service intervals. Specially developed for BMW, Mercedes-Benz and Opel vehicles with exhaust after treatment and turbocharger.

Description

TITAN GT1 FLEX 23 SAE 5W-30 is a Premium engine oil for passenger cars and vans. With the combination of ACEA C2 and C3 and corresponding approvals TITAN GT1 FLEX 23 SAE 5W-30 offers a wide range of applications with harmonization potential of several European and Asian manufacturers.

The product also is advantageous for modern down-sizing engines and engines with start-stop-systems as well as exhaust gas after treatment systems such as catalysts or particulate filters. TITAN GT1 FLEX 23 SAE 5W-30 allows more than double the fuel reduction compared to conventional ACEA C3-products of the same SAE-class.

Application

TITAN GT1 FLEX 23 SAE 5W-30 is suitable for vehicles running on gasoline, diesel or gas (LPG, CNG), also in combination with up-to-date exhaust gas after treatment systems. Even older engine generations can be changed over to TITAN GT1 FLEX 23 SAE 5W-30. Besides, the product can be applied in many vehicles of Asian manufacturers if the use of an API SN, ACEA C2 or C3 engine oil is specified. TITAN GT1 FLEX 23 SAE 5W-30 may only be used in diesel engines when also low sulphur diesel fuel is being used. The product is miscible and compatible with conventional branded engine oils. However, mixing with other engine oils should be avoided to fully utilize the product's benefits. A complete oil change is recommended when converting to TITAN GT1 FLEX 23 SAE 5W-30. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Advantages/Benefits

- Universally applicable for diesel, petrol and gas engines of many manufacturers
- Up to 1.6% additional reduction in fuel consumption compared to oils of the same viscosity class
- Very good aging resistance
- Protects exhaust aftertreatment systems

Specifications

- ACEA C2/C3
- API SN

Approvals

- BMW LONGLIFE-04
- dexos2™ (GXXX)
- MB-APPROVAL 229.31
- MB-APPROVAL 229.51
- MB-APPROVAL 229.52
- VW 505 00/505 01

FUCHS Recommendations

- FIAT 9.55535-S1 / -S3
- GM-LL-A-025
- GM-LL-B-025
- IVECO 18-1811 CLASSE SC1

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TYPICAL CHARACTERISTICS

Density at 15 °C	DIN 51757	0.853 g/ml
Kinematic Viscosity at 40°C	DIN 51562-1	71.8 mm ² /s
Kinematic Viscosity at 100°C	DIN 51562-1	12.0 mm ² /s
Viscosity-Index	DIN ISO 2909	164
Pour Point	DIN ISO 3016	-42 °C
Flash Point, CoC	DIN ISO 2592	224 °C
Sulphated ash	ASTM D874	0.7 %

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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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