

## TITAN GT1 FLEX C23 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. 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 engine oil for passenger cars and vans. With the combination of ACEA C2 and C3 and corresponding approvals TITAN GT1 FLEX C23 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 downsizing engines and engines with start-stop-systems as well as exhaust gas after treatment systems such as catalysts or particulate filters.

TITAN GT1 FLEX C23 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 C23 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 C23 SAE 5W-30. Besides, the product can be applied in many vehicles of Asian manufacturers if the use of an API SP, ACEA C2 or C3 engine oil is specified. TITAN GT1 FLEX C23 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 C23 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
- Protection against Low-Speed Pre-Ignition (LSPI)
- Very good aging resistance
- Protects exhaust aftertreatment systems
- Suitable for selected hybrid vehicles depending on OEM requirements

### Specifications

- ACEA C3, C2
- API SP

### 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

PI60869e, PMA, 23.11.2022, Page 1

## TYPICAL CHARACTERISTICS

Density at 15 °C	DIN 51757	0.850 g/ml
SAE grade	SAE J300	5W-30
Kinematic Viscosity at 40°C	DIN 51562-1	68.9 mm <sup>2</sup> /s
Kinematic Viscosity at 100°C	DIN 51562-1	11.6 mm <sup>2</sup> /s
Viscosity index	DIN ISO 2909	164
HTHS	CEC L-036-90	≥ 3.5 mPa*s
Pour Point	DIN ISO 3016	-45 °C
Sulphated ash	ASTM D874	≤ 0.8 %
Product dyeing	DIN 10964	none