

TITAN GT1 FLEX 3 SAE 5W-40

Premium Performance, fuel-economy engine oil with new XTL-Technology for 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 vehicles with exhaust after treatment and turbocharger.

Description

TITAN GT1 FLEX 3 SAE 5W-40 is a Premium engine oil for passenger cars and vans utilizing the new XTL-Technology. The innovative XTL-Technology offers highest performance over the full temperature range from very low up to very high temperatures. The unique lubrication properties of XTL-Technology offer significant benefits in highly stressed engines, especially also in latest downsized aggregates or engines with Stop-Start-Systems. Engines with a high-power density enjoy reliable lubrication and start easier and quicker. The product also is advantageous for cars with exhaust gas after treatment systems such as catalysts or particulate filters, as it keeps their conversion rate high and provides better lifetime. XTL-Technology is proven to allow lower fuel consumption even compared to the same SAE-class.

Application

TITAN GT1 FLEX 3 SAE 5W-40 is suitable for vehicles running on gasoline, diesel or gas (LPG, CNG), also in combination with up-to-date exhaust gas after treatment systems. TITAN GT1 FLEX 3 SAE 5W-40 offers the opportunity to rationalize the product range, especially for high-performance engines from the VW group, as well as many models from BMW, Mercedes-Benz, Renault or various Asian manufacturers.

TITAN GT1 FLEX 3 SAE 5W-40 is miscible and compatible with conventional branded engine oils. However, intermixtures with other engine oils should be avoided in order to fully utilize the products' benefits. Respectively a complete oil change is recommended when converting to TITAN GT1 FLEX 3 SAE 5W-40. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Advantages/Benefits

- Flexible application for diesel and gasoline vehicles of various manufacturers
- Especially suitable for high-performance engines, e.g. from the VW group
- Improved aging stability through XTL, proven in standardized engine tests
- Low oil consumption through XTL technology
- Excellent wear protection

Specifications

- ACEA C3
- API SN

Approvals

- BMW LONGLIFE-04
- MB-APPROVAL 226.5
- MB-APPROVAL 229.31
- MB-APPROVAL 229.51
- MB-APPROVAL 229.52
- PORSCHE C40
- RENAULT RN0700/RN0710
- VW 511 00

FUCHS Recommendations

- API CF
- CHRYSLER MS-10725
- FIAT 9.55535-GH2
- FIAT 9.55535-S2
- FIAT 9.55535-T2
- FORD WSS-M2C917-A
- VW 505 00/505 01

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TYPICAL CHARACTERISTICS

Density at 15 °C	DIN 51757	0.850 g/ml
SAE-class	SAE J300	5W-40
Kinematic Viscosity at 40°C	DIN 51562-1	72.6 mm ² /s
Kinematic Viscosity at 100°C	DIN 51562-1	13.1 mm ² /s
Viskositätsindex	DIN ISO 2909	185
HTHS 150°C	ASTM D 4683	≥ 3.5 mPas
Pourpoint	DIN ISO 3016	-42 °C
TBN	ISO 3771 (2011)	≥ 8.0 mgKOH/g
Sulphated Ash	DIN 51575	≤ 0.8 % m/m
Product dyeing	-	none

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