

TITAN GT1 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 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 life time. XTL-Technology is proven to allow lower fuel consumption even compared to the same SAE-class.

Application

TITAN GT1 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. Also the product can be applied in many vehicles of Asian manufacturers if the use of a C3 engine oil is specified. TITAN GT1 SAE 5W-40 may only be used in diesel engines when also low Sulphur diesel fuel is being used. TITAN GT1 SAE 5W-40 is miscible and compatible with conventional branded engine oils. However, mixing with other engine oils should be avoided in order to fully utilize the product's benefits. A complete oil change is recommended when converting to TITAN GT1 SAE 5W-40. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Advantages / Benefits

- Oil circulation time at low temperatures is faster and engine start time is shorter.
- Due to XTL-Technology even further improved fuel economy at the same SAE-viscosity level.
- Lower oil consumption offered by XTL-technology.
- Improved ageing stability due to XTL-Technology, proven in standardized engine test.
- Approved for use in VW diesel engines with pumpinjector system.
- Excellent wear protection, i.e. Valve train (Cam shafts, tappets, etc.)
- Low evaporation loss.

Specifications

- ACEA C3
- API SN/SM
- FORD WSS-M2C917-A

Approvals

- dexos2™ (D20311HE075)
- MB-APPROVAL 226.5
- MB-APPROVAL 229.31
- PORSCHE A40
- RENAULT RN0700/RN0710
- VW 505 00/505 01

FUCHS Recommendations

- API CF
- FIAT 9.55535-GH2
- FIAT 9.55535-S2
- FIAT 9.55535-T2

TITAN GT1 SAE 5W-40

Handling and storage

Avoid skin contact. In the event of contact with skin, wash with soap and water. Dispose of used oil at a recycling station or equivalent. Safety data sheets are available on www.fuchs.com/se or supplied on request.

Typical data

Characteristics	Method	Value
Density at 15°C	DIN 51757	0.854 g/ml
SAE grade	SAE J300	5W-40
Kinematic Viscosity at 40°C	DIN 51562-1	83,9 mm ² /s
Kinematic Viscosity at 100°C	DIN 51562-1	14.2 mm ² /s
Viscosity index	DIN ISO 2909	170
HTHS	CEC L-036-90	≥ 3.5 mPa*s
Sulphated ash	ASTM D874	≤ 0.8 % m/m
Product dyeing	DIN 10964	none

The information contained in this product information is based on the experience and know-how of FUCHS 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. 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 SWEDEN AB 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 SWEDEN AB
© FUCHS LUBRICANTS SWEDEN AB. All rights reserved.