

Product Information



SINTOLUX FORCE V 5W-30

Premium Performance engine oil. Contains PAO. Excellent cold starting behaviour, very fast oil circulation, and outstanding performance reserves. For modern passenger cars and light commercial vehicles with or without extended oil drain intervals. Specifically developed for BMW, VW & Mercedes-Benz petrol and diesel vehicles with exhaust gas aftertreatment. Additionally applicable in hybrid vehicles of different manufacturers.

Description

SINTOLUX FORCE V 5W-30 is a Premium Performance engine oil for passenger cars and vans. SINTOLUX FORCE V 5W-30 provides optimised cold start properties and a fast oil circulation in the whole engine at low temperatures. Offer significant benefits in highly loaded engines, especially also in the latest downsized engines with or without stop-start systems. Engines with a high power density enjoy reliable lubrication and start easier and quicker. Due to its additive technology with reduced SAPS content (Sulphated Ash, Phosphor and Sulphur) SINTOLUX FORCE V 5W-30 protects exhaust gas aftertreatment systems and improves their durability. SINTOLUX FORCE V 5W-30 was developed to meet modern requirements; it is based on selected base oils and state-of-the-art additive technology. SINTOLUX FORCE V 5W-30 also reduces fuel consumption compared to conventional viscosity grades. SINTOLUX FORCE V 5W-30 meets the requirements of conventional as well as hybrid engines.

ideally suited for a large number of Asian and American manufacturers, as well as for many hybrid engines. SINTOLUX FORCE V 5W-30 was originally developed for conventional applications but additionally fulfills the requirements in selected hybrid applications according to the manufacturers specifications.

SINTOLUX FORCE V 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 SINTOLUX FORCE V 5W-30. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Application

SINTOLUX FORCE V 5W-30 is suitable for vehicles running on petrol, diesel, or gas (LPG, CNG), and with modern exhaust gas aftertreatment systems. SINTOLUX FORCE V 5W-30 should only be used in diesel engines, when also low sulphur diesel fuel is used. SINTOLUX FORCE V 5W-30 is

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Advantages

- Excellent cold start behaviour and fast oil circulation in the whole engine at low temperatures.
- Outstanding efficiency and fuel economy.
- Offers the lowest oil consumption.
- Protects exhaust gas aftertreatment systems because of a low content of sulphated ash, phosphorus and sulphur (Low-SAPS).
- Excellent wear protection even under high loads.
- Significant reduction of residues in engines and turbochargers.
- Universally applicable for diesel, petrol and gas engines of a large number of manufacturers.
- Suitable for selected hybrid vehicles.
- Contains PAO.

Specifications

- ACEA C3 / C2
- API SN

Approvals

- VW 504 00/507 00

Recommendations

- BMW LONGLIFE-04
- CHRYSLER MS-11106
- FIAT 9.55535-S3
- MB 229.51
- MB 229.52
- PORSCHE C30
- RENAULT RN0700/0710

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TYPICAL CHARACTERISTICS

Density at 15°C	DIN 51757	0.851 g/ml
SAE Grade	SAE J300	5W-30
Kinematic Viscosity at 40°C	DIN 51562-1	60 mm²/s
Kinematic Viscosity at 100°C	DIN 51562-1	11.65 mm²/s
Viscosity Index	DIN ISO 2909	192
HTHS	CEC L-36-90	≥ 3,5 mPa*s
Pour Point	DIN ISO 3016	-45 °C
Sulphated Ash	ASTM D874	≤ 0,8 % m/m
Product Dyeing	DIN 10964	none

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In all cases, to limit the risk of water contamination (including condensation), store drums and barrels horizontally. Do not expose packaging to strong sunlight or extreme temperatures. The information contained in this data sheet is based on FLF's experience and know-how in the development and manufacture of lubricants and other chemical products to the best of our knowledge. All chemical products must be used in the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). The performance of our products can be influenced by a range of factors, including conditions of use, application methods, operating environment, pre-treatment of components, possible external contamination, etc. For these reasons, a universal recommendation of our products is impossible. The information given in the data sheet represents general, non-binding guidelines and is provided for guidance only. No warranty, express or implied, is given concerning the properties of the product or its suitability for a given application. We therefore recommend consulting an application engineer to discuss application conditions and product performance criteria prior to use. It is the user's responsibility to test the functional suitability of the product and to use it under the appropriate safety conditions. Our products are subject to continuous improvement, with the aim of enhancing performance or bringing them into line with any new regulations. We reserve the right to modify our product ranges, our products and their manufacturing processes, as well as all the provisions of our publications, at any time and without prior notice. This data sheet cancels and replaces all previous editions. We expressly draw the attention of all users to the fact that our product has not been designed and tested for use in the nuclear and aeronautical fields ("embedded" product). Any use of our product in the aforementioned sectors is the sole responsibility of the user. Reproduction in any form requires the prior written consent of FLF, all rights reserved.