

# Product Information



## COFRAN SINTOLUX FORCE V 0W-20

**Premium Performance engine oil in a novel viscosity grade. Specifically designed for modern VW vehicles, for excellent fuel-economy characteristics and reduced CO<sub>2</sub> emissions. Excellent cold starting behaviour, very fast oil circulation, and outstanding performance reserves. Additionally applicable in hybrid vehicles of different manufacturers. Contains PAO.**

### Description

COFRAN SINTOLUX FORCE V 0W-20 is an innovative low-viscosity engine oil. The combination of state-of-the-art additive technology with a new base oil matrix provides the highest levels of performance regarding oxidation stability, resistance to oil aeration, wear protection, and shear stability. Significant improvements in fuel economy and CO<sub>2</sub> emissions were achieved by lowering the dynamic viscosity and employing a new additive technology of COFRAN SINTOLUX FORCE V 0W-20. COFRAN SINTOLUX FORCE V 0W-20 meets the requirements of conventional as well as hybrid engines. The special composition of COFRAN SINTOLUX FORCE V 0W-20 conserves a lot of fuel – more than 4% in the M111 FE Test, also resulting in reduced CO<sub>2</sub> emissions. The extremely high thermal capacity and the optimised carbon bearing capabilities of COFRAN SINTOLUX FORCE V 0W-20 offer enormous benefits for engines subjected to a lot of stress.

### Application

COFRAN SINTOLUX FORCE V 0W-20 was especially developed for the VW specification 508 00/509 00. COFRAN SINTOLUX FORCE V 0W-20 is suitable for petrol and diesel engines. COFRAN SINTOLUX FORCE V 0W-20 should only be used in diesel engines, when also low sulphur diesel fuel is used. COFRAN SINTOLUX FORCE V 0W-20 is ideally suited for a large number of European, Asian and American manufacturers, as well as for many

hybrid engines. COFRAN SINTOLUX FORCE V 0W-20 is not backwards compatible with older VW specifications. Consequently, it may be only used in the approved applications!

COFRAN SINTOLUX FORCE V 0W-20 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 COFRAN SINTOLUX FORCE V 0W-20. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

### Advantages

- Especially developed for engines of VW.
- Significant reduction of fuel consumption by 4% compared to the reference oil in the M111 test.
- Outstanding fuel efficiency and thus reduced CO<sub>2</sub> emissions.
- Excellent cold start behaviour and fast oil circulation in the whole engine at low temperatures.
- Can be used for extended drain intervals.
- Superior wear protection under all operating conditions despite its extremely low viscosity.
- Suitable for selected hybrid vehicles subject to OEM requirements.
- Contains PAO.

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## Specifications

- ACEA C5

## Recommendations

- FORD WSS-M2C956-A1
- PORSCHE C20
- VW 508 00 / 509 00

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## TYPICAL CHARACTERISTICS

Density at 15°C	DIN 51757	0.837 g/ml
SAE Grade	SAE J300	0W-20
Kinematic Viscosity at 40°C	DIN 51562-1	39.9 mm <sup>2</sup> /s
Kinematic Viscosity at 100°C	DIN 51562-1	8 mm <sup>2</sup> /s
Viscosity Index	DIN ISO 2909	177
HTHS	CEC L-36-90	≥ 2,6 & < 2,9 mPa*s
Pour Point	DIN ISO 3016	-54 °C
Sulphated Ash	ASTM D874	≤ 0,8 % m/m
Product Dyeing	DIN 10964	green

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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.