

# Product Information



## COFRAN SINTOLUX FORCE F 5W-20

Ultra High Performance engine oil with extreme fuel economy, especially developed for JAGUAR LAND ROVER and also FORD EcoBoost petrol engines. Improved cold starting and reduced oil consumption.

### Description

COFRAN SINTOLUX FORCE F 5W-20 is an Ultra High Performance engine oil for passenger cars and light commercial vehicles. COFRAN SINTOLUX FORCE F 5W-20 was developed based on selected base oils and state-of-the-art additive technology. COFRAN SINTOLUX FORCE F 5W-20 provides reliable protection against deposits, sludge, and ring sticking. Through lowering the dynamic viscosity significant improvements in power output and fuel economy were achieved. The special composition of COFRAN SINTOLUX FORCE F 5W-20 provides optimised ageing stability, wear protection and cold-start properties during the entire oil drain interval.

### Application

COFRAN SINTOLUX FORCE F 5W-20 was especially developed for the FORD and JAGUAR LAND ROVER specification FORD WSS-M2C948-B, JAGUAR LAND ROVER STJLR.03.5004. COFRAN SINTOLUX FORCE F 5W-20 was also developed for use in FORD vehicles with EcoBoost engines and is recommended for many other models, except Ford KA, Ford Galaxy 2.8CD V6 and Focus RS. COFRAN SINTOLUX FORCE F 5W-20 is ideally suited for a large number of Asian and American manufacturers, as well as for many hybrid engines. The main applications of COFRAN SINTOLUX FORCE F 5W-20 are petrol engines with and without turbochargers, with direct or indirect injection.

COFRAN SINTOLUX FORCE F 5W-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 F 5W-20. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

### Advantages

- Very high thermal and oxidative stability.
- Improved protection against sludge formation.
- Sustainable fuel-economy potential.
- Improved cold starting and rapid oil circulation.
- Optimised wear protection.
- Suitable for selected hybrid vehicles subject to OEM requirements.

### Specifications

- ACEA C5
- API SN
- FORD WSS-M2C948-B

### Approvals

- JAGUAR LAND ROVER STJLR.03.5004

# Product Information



## Recommendations

- ACEA A1/B1
- CHRYSLER MS 6395
- FIAT 9.55535-CR1
- FORD WSS-M2C925-A
- FORD WSS-M2C925-B
- FORD WSS-M2C945-A
- ILSAC GF-5

# Product Information



## TYPICAL CHARACTERISTICS

SAE Grade	SAE J300	5W-20
Density at 15°C	DIN 51757	0.851 g/ml
Kinematic Viscosity at 40°C	ASTM D 445	44.2 mm <sup>2</sup> /s
Kinematic Viscosity at 100°C	ASTM D 445	8.1 mm <sup>2</sup> /s
Viscosity Index	ASTM D 2270	158
HTHS	CEC L-36-90	2.6 mPa.s
Pour point	ASTM D 7346	-39 °C
Sulphated Ash	ASTM D 874	0.8 %m/m
Product Dyeing		None

# Product Information



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.