Product Information

SINTOLUX FORCE H 0W-20

Ultra High Performance low viscosity engine oil for a variety of petrol engines in passenger cars. Suitable for selected hybrid vehicles subject to OEM requirements.

Description

SINTOLUX FORCE H 0W-20 was designed based on selected high-quality base oils and an especially developed additive technology. The innovative technology of SINTOLUX FORCE H 0W-20 offers the highest performance, along with the highest efficiency and reliability. SINTOLUX FORCE H 0W-20 meets the highest requirements of ILSAC GF-6A and thus offers excellent protection against wear and Low-Speed Pre-Ignition (LSPI).

Application

SINTOLUX FORCE H 0W-20 is suitable for a variety of petrol engines in passenger cars and in particular for Asian car manufacturers. Due to its very low viscosity SINTOLUX FORCE H 0W-20 offers an ultimately high potential for reduced fuel consumption and deposits.

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

Advantages

- Suitable for selected hybrid vehicles subject to OEM requirements.
- Reduced fuel consumption.
- Reduced CO_2 emissions.
- Optimised wear protection.
- Optimised engine and turbocharger cleanliness.
- Improved cold starting and rapid oil circulation.
- Protection against Low-Speed Pre-Ignition (LSPI).

Specifications

- API SQ RC
- GB 11121
- ILSAC GF-7A

Recommendations

- ILSAC GF-5

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Certifications : ISO 9001, IATF 16949, ISO 14001, ISO 45001

Product Information

TYPICAL CHARACTERISTICS

SAE Grade	SAE J300	0W-20
Density at 15°C	DIN 51757	840 kg/m3
Kinematic Viscosity at 40°C	ASTM D 445	44 mm²/s
Kinematic Viscosity at 100°C	ASTM D 445	8.35 mm²/s
Viscosity Index	ASTM D 2270	150
HTHS at 150°C	CEC L-36-90	≥ 2.6 mPa.s
Pour point	ASTM D 7346	-39 °C
Sulphated Ash	ASTM D 874	≤ 1.0 %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.

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