Product Information

COFRAN MARATHON EUR 6 SAE 5W-30

Ultra High Performance Engine Oil. Especially developed for vehicles with exhaust aftertreatment and turbocharger. Optimum cold start properties and ageing stability for a very good fuel economy throughout the drain interval.

Description

COFRAN MARATHON EUR 6 SAE 5W-30 is a Ultra High Performance Low-SAPS engine oil for use in engines with or without turbocharger as well as with modern exhaust gas aftertreatment systems. COFRAN MARATHON EUR 6 SAE 5W-30 provides optimum protection for modern diesel particle filters and catalysts, thus providing enhanced durability. Due to minimum evaporation loss, oil consumption and turbocharger deposits are significantly reduced. COFRAN MARATHON EUR 6 SAE 5W-30 provides excellent cold start properties and a fast oil circulation in the whole engine at low temperatures. COFRAN MARATHON EUR 6 SAE 5W-30 also ensures complete lubrication when loads are at a maximum, thus ensuring protection against wear and corrosion. The carefully chosen base oil mix ensures outstanding low-temperature properties and an increased fuel economy potential. COFRAN MARATHON EUR 6 SAE 5W-30 exceeds conventional UHPD lubricants in versatility and performance.

Application

COFRAN MARATHON EUR 6 SAE 5W-30 was specially developed for commercial vehicles with modern exhaust gas aftertreatment systems. COFRAN MARATHON EUR 6 SAE 5W-30 completely fulfills all latest ACEA Ex specifications in combination with API CK-4. Based on its extensive performance profile COFRAN MARATHON EUR 6 SAE 5W-30 is also ideally suitable as a rationalisation product for vehicles of the late 90s and early 2000s.

COFRAN MARATHON EUR 6 SAE 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 COFRAN MARATHON EUR 6 SAE 5W-30. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

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

Product Information

Advantages

- Up to 0.6%% additional reduction of fuel consumption compared to oils of the same viscosity grade.
- Significant reduction of residues in engines and turbochargers.
- Minimises deposit formation, keeping the engine clean for a long time.
- Provides environmental benefits due to reduced fuel consumption and longest oil drain intervals.
- Excellent ageing stability.
- 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.
- Provides high performance reserves even under extreme operation conditions.
- High neutralisation behaviour against acidic residues in combination with latest Low-SAPS technology.
- Fulfills all latest ACEA Ex specifications (ACEA E11, E8, E7, E4) in combination with API CK-4.
- Offers a wide application profile; excellent rationalisation product for mixed fleets.

Specifications

- ACEA E11, E8, E7, E4
- API CK-4/CJ-4
- CAT ECF-3
- JASO DH-1/DH-2/DL-0

Approvals

- MAN M 3677

Recommendations

- CUMMINS CES 20081
- CUMMINS CES 20086
- DETROIT DIESEL 93K222
- DEUTZ DQC IV-18 LA
- DTFR 15C100 (MB 228.31)
- DTFR 15C110 (MB 228.51)
- DTFR 15C120 (MB 228.52)
- MACK EOS-4.5
- MAN M 3775
- MAN M 3777
- MAN M 3271-1
- MAN M 3477
- MAN M 3575
- MTU DDC TYPE 2.1
- MTU DDC TYPE 3.1
- RENAULT RLD-3
- SCANIA LDF-4
- VOLVO VDS-4.5
- ACEA E9, E6
- DAF PSQL 2.1E-LD
- DETROIT DIESEL 93K218
- IVECO 18-1804 CLASSE TLS E6
- Liebherr LH-00-ENG LA
- RENAULT RLD-4
- SCANIA LA

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TYPICAL CHARACTERISTICS

SAE Grade	SAE J300	5W-30
Density at 15°C	DIN 51757	0.856 g/ml
Kinematic Viscosity at 40°C	ASTM D 445	70.8 mm²/s
Kinematic Viscosity at 100°C	ASTM D 445	12.1 mm²/s
Viscosity Index	ASTM D 2270	170
HTHS	CEC L-36-90	≥ 3.5 mPa.s
Pour point	ASTM D 7346	-36 °C
Sulphated Ash	ASTM D 874	1 %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.

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