

# Product Information



## COFRAN MARATHON PREMIUM SAE 10W-30

**Premium Performance fuel-economy engine oil for a variety of commercial vehicle diesel engines. Especially developed for vehicles with extended service intervals, exhaust aftertreatment and turbocharger.**

### Description

COFRAN MARATHON PREMIUM SAE 10W-30 is a diesel engine oil designed for commercial vehicles; it meets the latest API CK-4. 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. COFRAN MARATHON PREMIUM SAE 10W-30 provides optimum protection for modern diesel particle filters and catalysts, thus providing enhanced durability.

### Application

COFRAN MARATHON PREMIUM SAE 10W-30 is particularly beneficial in vehicles fitted with exhaust gas treatment systems such as Diesel Particulate Filters (DPF), a Diesel Oxidation Catalyst (DOC), Exhaust Gas Recirculation (EGR), SCR catalyst, or any combination of the given technologies.

COFRAN MARATHON PREMIUM SAE 10W-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 PREMIUM SAE 10W-30. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

### Advantages

- Outstanding oxidation resistance.
- Maintains viscosity throughout the oil drain interval because of its excellent shear 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.
- Superior protection against soot-related viscosity increases.
- Offers a wide application profile; excellent rationalisation product for mixed fleets.
- Provides environmental benefits due to reduced fuel consumption and longest oil drain intervals.

### Specifications

- ACEA E11, E7
- API CK-4/SN
- CAT ECF-3

### Approvals

- MACK EOS-4.5
- RENAULT RLD-3
- VOLVO VDS-4.5

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## Recommendations

- ACEA E9, E6
- CUMMINS CES 20086
- DAF PSQL 2.1E-LD
- DETROIT DIESEL 93K218
- DETROIT DIESEL 93K222
- DEUTZ DQC IV-18 LA
- DTFR 15C100
- DTFR 15C110
- JASO DH-2
- MAN M 3477
- MAN M 3677
- MB 228.31
- MB 228.51
- MTU DDC TYPE 3.1
- RENAULT RLD-4
- SCANIA LA

# Product Information



## TYPICAL CHARACTERISTICS

SAE class	SAE J300	10W-30
Density at 15°C	DIN 51757	0.87 g/ml
Kinematic Viscosity at 40°C	ASTM D 445	76.08 mm²/s
Kinematic Viscosity at 100°C	ASTM D 445	11.37 mm²/s
Viscosity Index	ASTM D 2270	141
HTHS	CEC L-36-90	≥ 3,5 mPa.s
Pour Point	ASTM D 7346	-42 °C
Sulphate ash	ASTM D 874	≤ 1,0 %m/m
Product coloring	DIN 10964	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.