

Product Information



COFRAN MARATHON SAE 10W-40

High Performance fuel-economy engine oil for a variety of commercial vehicle diesel engines. Especially developed for extended service intervals. Reliable cold starting and reduced oil consumption.

Description

COFRAN MARATHON SAE 10W-40 is a high performance, fuel-economy engine oil for diesel engines with and without turbocharger in trucks, buses, and industrial machinery. Based on its composition COFRAN MARATHON SAE 10W-40 allows longest drain intervals.

Application

COFRAN MARATHON SAE 10W-40 has a higher performance capacity than the usual high performance engine oils. The performance of COFRAN MARATHON SAE 10W-40 can lead to extremely long oil drain intervals based on the manufacturer's recommendations. COFRAN MARATHON SAE 10W-40 is also suitable for vehicles of the late 90s and early 2000s, construction machines and other machinery according to the respective manufacturer's recommendation. According to the Mercedes-Benz specification DTFR 15B120 (MB 228.5), an extended oil drain interval is ensured for trucks in long-distance and local use for the 900 and 500 engine series. Excellent protection against corrosion even when high sulphur-content diesel fuels are used. COFRAN MARATHON SAE 10W-40 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 SAE 10W-40. For information on

product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Advantages

- Reduced fuel consumption.
- Excellent load carrying capability ensures exceptional wear protection.
- Protection against undesirable cylinder bore polishing in high-performance engines.
- Superior oil circulation after start-up improves cold-start properties and reduces warm-up wear.
- Significant reduction of exhaust gas particles.
- High prevention of deposit formation in the combustion chamber and in the exhaust gas aftertreatment system.
- Protection against sludge formation.
- Very good compatibility with sealing materials.
- Provides environmental benefits due to reduced fuel consumption and longest oil drain intervals.

Specifications

- ACEA E7, E4
- API CI-4
- GLOBAL DHD-1
- JASO DH-1

Product Information



Approvals

- MACK EO-N
- MAN M 3277
- DTFR 15B120 (MB 228.5)
- RENAULT RLD-2
- VOLVO VDS-3

Recommendations

- CUMMINS CES 20077/8
- DETROIT DIESEL 93K215
- DEUTZ DQC III-18
- MTU DDC TYPE 3
- ALLISON C-4
- FORD WSS-M2C944-A
- IVECO 18-1804
- MB 228.5
- SDFG OM-1901A

Product Information



TYPICAL CHARACTERISTICS

SAE Grade	SAE J300	10W-40
Density at 15°C	DIN 51757	0.871 g/ml
Kinematic Viscosity at 40°C	ASTM D 445	92.8 mm ² /s
Kinematic Viscosity at 100°C	ASTM D 445	14.2 mm ² /s
Viscosity Index	ASTM D 2270	157
HTHS	CEC L-36-90	≥ 3.5 mPa.s
Pour point	ASTM D 7346	-42 °C
Sulphated Ash	ASTM D 874	≤ 2.0 %m/m
Product Dyeing	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.