

Biotraffic 5000 FE 10W-30

Biodegradable Engine Oil

KEY DATA



Low SAPS synthetic biodegradable lubricant with very high performance, made from renewable raw materials, designed for all diesel engine types and providing substantial fuel economy.

INTERNATIONAL STANDARDS

- 🔥 ACEA E4, E6, E7, E8, E9, E11
- 🔥 API CK-4/CJ-4/CI-4+/CI-4
- 🔥 JASO DH-2

SUITABLE FOR

- 🔥 DEUTZ DQC IV-18 LA
- 🔥 DEUTZ TTCD
- 🔥 MTU Category 3.1
- 🔥 MAN M 3477 / M 3677 / M 3775
- 🔥 MB-Approval 228.51 / 228.52
- 🔥 VOLVO VDS-4.5
- 🔥 MACK EOS-4.5
- 🔥 RENAULT VI RLD-3
- 🔥 SCANIA LDF-4
- 🔥 CATERPILLAR ECF-3 / ECF-2 / ECF-1-a
- 🔥 LIEBHERR LH-00-ENG LA
- 🔥 CUMMINS CES 20086
- 🔥 IVECO FPT TLS E6
- 🔥 CNH MAT 3571/3521
- 🔥 KOMATSU
- 🔥 HITACHI
- 🔥 LIEBHERR
- 🔥 CASE NEW-HOLLAND
- 🔥 DEERE
- 🔥 JCB
- 🔥 KUBOTA
- 🔥 MITSUBISHI
- 🔥 PERKINS
- 🔥 DAF
- 🔥 IVECO etc...

APPLICATIONS

Biotraffic 5000 FE 10W-30 is a “Low SAPS” synthetic biodegradable lubricant with very high performance, made from renewable raw materials, dedicated to all diesel engine types and furthermore providing substantial fuel economy.

Biotraffic 5000 FE 10W-30 is dedicated to the lubrication of Diesel engines, with or without turbocharger, and especially for public works, agricultural and home-farming applications. It is also suitable in engines of heavy or light trucks, busses and certain vans. Biotraffic 5000 FE 10W-30 is adapted to engines that meet emission standards Euro VI, Euro Stage V or US EPA Tier 4F and lower emission standards.

Thanks to its “Low SAPS” (low Sulphated Ash, Phosphorus and Sulphur) technology, Biotraffic 5000 FE 10W-30 is designed for the latest Diesel engines equipped with post-treatment systems, such as Diesel particulate filters (DPF) and it can also be used for on-road heavy-duty diesel engines that meet Euro VI and lower emission standards. It is also compatible with certain gas engines.

PERFORMANCES & CUSTOMER BENEFITS

- 💧 Its high biodegradability level allows the use in sensitive areas and avoids all sustained pollution risks in case of accidental oil leakages, even when the oil is aged.
- 💧 Allows the longest drain intervals specified by the OEMs, without any viscosity loss due to shearing.
- 💧 Provides savings by reducing the engine's fuel consumption which also reduces the pollution and CO₂-emissions caused by exhaust gasses.
- 💧 Very low level of oil evaporation, reducing the oil consumption.
- 💧 Its "Low SAPS" formulation helps prevent the clogging of the Diesel Particulate Filters & extends the life of aftertreatment systems.

CHARACTERISTICS*

TEST	UNIT	TEST METHOD	RESULT
Kinematic viscosity at 40°C	mm ² /s	ASTM D445	69.4
Kinematic viscosity at 100°C	mm ² /s	ASTM D445	11.6
Viscosity index	-	ASTM D2270	162
Pour point	°C	ASTM D97	-45
Flash Point	°C	ASTM D92	212
T.B.N	mg KOH/g	ASTM D2896	13.4
Biodegradability - primary	%	CEC L33-A-93	> 80
Biodegradability - ultimate	%	OECD 301B	> 60

* The characteristics given above are obtained with a standard tolerance threshold during production and may not be considered specifications.

RECOMMENDATIONS FOR USE

Before using the product, the vehicle's maintenance guide should be checked. Oil changes should be carried out in accordance with the manufacturer's recommendations.

The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations. If possible, the packaging should not be exposed to the elements. Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.

HEALTH, SAFETY AND THE ENVIRONMENT

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet (SDS).

This can be obtained on request from your local reseller and is available for consultation at <https://ms-sds.totalenergies.com>.

This product should not be used for any purposes other than the ones for which it is intended.

