



BIOTRAFFIC 1000 FE 10W-30



Very high performance synthetic biodegradable lubricant, coming from renewable raw material, dedicated to all engine types and furthermore providing substantial fuel economy.

SPECIFICATIONS

International specifications

ACEA E7 / A3/ B3 / B4

API CI-4 / SL

Conform to the majority of the requirements of the following specifications

- | | |
|---------------------|---------------------|
| ✓ VOLVO VDS-3 | ✓ CATERPILLAR ECF-2 |
| ✓ MAN M3275 | ✓ DEUTZ DQC III-10 |
| ✓ MB Approval 228.3 | ✓ MTU Category 2 |
| ✓ RENAULT RLD-2 | ✓ KOMATSU KES EO-DH |
| ✓ CUMMINS CES 20078 | ✓ JASO DH-1 |

Suitable for the following engines

CASE NEW-HOLLAND, PERKINS, SISU, VALMET, RENAULT, PEUGEOT, FORD, CITROËN etc...

APPLICATIONS

TOTAL BIOTRAFFIC 1000 FE 10W-30 is dedicated to the lubrication of **Diesel engines**, with or without turbocharger, and especially for **public-works, agricultural and home-farming**.

It is also suitable in engines of heavy or light trucks, buses and passenger cars.

TOTAL BIOTRAFFIC 1000 FE 10W-30 is adapted to engines conforming to following pollution reduction standards : EUROPE Phase I, II, IIIa and IIIb, US EPA Tier 1, 2, 3 and 4, and EURO I, II, III, IV and V, no-equipped with particulate filters but including "Common Rail" high pressure fuel injection systems.

It can also be used in gasoline engines of service vehicles.

PERFORMANCES AND CUSTOMER BENEFITS

- Allows the longest drain intervals specified by the OEMs for Off-Road sectors.
- Provides economy by reducing the engine fuel consumption (up to 4 %) which also reduces the exhaust gas pollution.
- Very few level of oil evaporation reducing the oil consumption
- Its high biodegradability level allows a use in sensitive areas and avoids all sustainable pollution risks in case of oil accidental leakages.

PHYSICAL AND CHEMICAL CHARACTERISTICS*

TOTAL BIOTRAFFIC 1000 FE 10W-30

	Method	Value
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445 56.7
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445 9.8
Viscosity Index	-	ASTM D2270 161
Pour Point	°C	ASTM D97 -45
Biodegradability	%	CEC L33-A-93 >80

* The features mentioned above are average values obtained with some variability in production and do not constitute a specification.

TOTAL LUBRIFIANTS

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www.lubricants.total.com



This lubricant does not cause adverse health effects when used in the intended application.
A safety datasheet is accessible on request from your local dealer or on the website www.quickfds.com