



A brand of **TOTAL**

PERFORMANCE HARMONY FE 10W-30



Semi-synthetic "low-SAPS" lubricant for diesel engines, suitable for on-road heavy-duty applications, with FUEL ECONOMY technology.



APPLICATIONS

- ELF PERFORMANCE HARMONY FE 10W-30 is used in **on-road diesel heavy-duty** applications.
- It is also compatible with certain gas engines.
- With its "**low-SAPS**" (low sulphated ash, phosphorus and sulphur) technology, ELF PERFORMANCE HARMONY FE 10W-30 protects engines equipped with any kind of **post-treatment systems**, such as diesel particulate filters (DPFs).
- ELF PERFORMANCE HARMONY FE 10W-30 is especially recommended for **latest Euro 6 DAF** (PX engines), **Volvo** and **Renault Trucks** engines.

APPROVALS

Specifications	API CJ-4/CI-4/CH-4	ACEA E9/E7-04
Manufacturers' approval	Cummins CES 20081 Mack EO-O Premium Plus MAN M 3575 MB-Approval 228.31 Renault Trucks RLD-3 Volvo VDS-4	
Meets the requirements of	DAF Detroit Diesel DDC Power Guard 93K218 IVECO	

PERFORMANCES AND CUSTOMER BENEFITS

- Its **FUEL ECONOMY** technology helps save 1% fuel on average, compared to an SAE 40 grade reference lubricant. This value can reach 3% if used in combination with **FUEL ECONOMY** transmission lubricants.
- High quality synthetic base stocks combined with high-performance additives make ELF PERFORMANCE HARMONY FE 10W-30 an **exceptional technical performances lubricant**.
- Excellent **detergent, antioxidant and anti-corrosion** properties help to reach **extended oil drain intervals**, defined by **DAF, Renault Trucks** and **Volvo**, and reduce maintenance costs.
- Advanced additives keep the **engine's most sensitive parts clean** thanks to **detergent, dispersant and anti-wear properties**, added to effective control of soot, sludge and deposits
- The advanced "**low-SAPS**" formulation of ELF PERFORMANCE HARMONY FE 10W-30 improves the post-treatment system durability, preventing the clogging of the diesel particulate filter (DPF).

PHYSICAL AND CHEMICAL CHARACTERISTICS

ELF PERFORMANCE HARMONY FE 10W-30	Method	Value
Density at 15°C	kg/m ³	ASTM D1298 867
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445 77.5
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445 11.8
Viscosity Index	-	ASTM D2270 146
Flash point	°C	ASTM D92 230
Pour Point	°C	ASTM D97 -42
T.B.N	mgKOH/g	ASTM D2896 8.5
Sulphated Ash	% m/m	ASTM D874 0.96

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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*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.*

