



A brand of **TOTAL**

PERFORMANCE EXPERTY LSX FE 10W-30



Synthetic "low-SAPS" diesel-engine oil with FUEL ECONOMY technology suitable for on-road heavy-duty applications.



APPLICATIONS

- **Synthetic** high-performance lubricant particularly suitable for use in **on-road diesel heavy-duty** applications.
- With its "**low-SAPS**" (low sulphated ash, phosphorus and sulphur) technology, ELF PERFORMANCE EXPERTY LSX FE 10W-30 protects the latest generation of diesel engines equipped with any kind of **post-treatment systems**, such as diesel particulate filters (DPFs).
- ELF PERFORMANCE EXPERTY LSX FE 10W-30 is especially adapted to **most manufacturers' Euro 6 engines** and previous engine models, requiring long oil drain intervals, such as **DAF** (MX engines).
- ELF PERFORMANCE EXPERTY LSX FE 10W-30 is also adapted to gas engines produced by **MAN, Mercedes-Benz, Scania, Renault Trucks** and **Volvo** and some **DAF** engines.
- This lubricant enables coverage of a fleet of mixed brands with a minimal number of products (American and European manufacturers).

APPROVALS

Specifications	API CI-4/CH-4	ACEA E6/E7/E4-99 issue 3
Manufacturers' approval	Mack EO-O Premium Plus MAN M 3477/M 3271-1 MB-Approval 228.51 Renault Trucks RLD-3 Scania Low Ash Volvo VDS-4	
Meets the requirements of	DAF	

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 stokes combined with high-performance additives make ELF PERFORMANCE EXPERTY LSX FE 10W-30 an **exceptional performances** lubricant. Its fully synthetic composition allows **excellent thermal stability**.
- Outstanding **detergent, antioxidant and anti-corrosion properties** help to reach **extended oil drain intervals** defined by manufacturers and reduce maintenance costs.
- **Detergent, dispersant and anti-wear additives** keep the **engine clean** and enable efficient control of soot, sludge and piston deposits.
- The advanced "**low-SAPS**" formulation of ELF PERFORMANCE EXPERTY LSX FE 5W-30 improves the post-treatment system durability preventing the clogging of the diesel particulate filter (DPF).

PHYSICAL AND CHEMICAL CHARACTERISTICS

ELF PERFORMANCE EXPERTY LSX FE 10W-30		Method	Value
Density at 15°C	kg/m ³	ASTM D1298	861
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	72.5
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	11.3
Viscosity Index	-	ASTM D2270	147
Flash point	°C	ASTM D92	242
Pour Point	°C	ASTM D97	-33
T.B.N	mgKOH/g	ASTM D2896	10
Sulphated Ash	% m/m	ASTM D874	0.97

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.*

