

Semi-synthetic low-SAPS lubricant for diesel engines, suitable for on-road heavy-duty applications, with Fuel economy technology.

APPLICATIONS

- Performance Plus LS E9 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, Performance Plus LS E9 10W/30 protects engines equipped with any kind of post-treatment systems, such as diesel particulate filters (DPFs). Performance Plus LS E9 10W/30 is especially recommended for latest Euro 6 DAF (PX engines), Volvo and Renault Trucks engines.

SPECIFICATIONS

Performance Plus LS E9 10W/30 meets the following International Specifications:

- Mack EO-N	- ACEA ,E6 E7 E9	- IVECO
- MAN M 3477/ 3271-1	- API CJ-4/SN	
- MB 228.51	- JASO DH-2	
- Renault Trucks RLD-3	- Deutz DQC III-10 LA	
- Scania Low-Ash	- CAT ECF-2	
- Volvo VDS 4.5	- DAF	

ADVANTAGES

- Fuel Economy technology helps save 1% fuel on average, compared to a 40 grade reference lubricant. This value can reach 3% if used in combination with fuel economy transmission lubricants.
- High quality base stocks combined with high-performance additives make Finol Performance Plus LS E9 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 Finol Performance Plus LS E9 10W/30 improves the post-treatment system durability, preventing the clogging of the diesel particulate filter (DPF).

TYPICAL CHARACTERISTICS

		Methods	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 D5950	-42
T.B.N	mgKOH/g	ASTM D2896	8.5
Sulphated Ash	%m/m	ASTM D874	0.96

The features mentioned above are obtained with a usual tolerance in production and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations.

Performance Plus LS E9 10W/30

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This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded from www.finol.ie