

“Low-SAPS” lubricant, suitable for use in on-road diesel heavy-duty applications.

## 1 Application

- ELF PERFORMANCE PRO 900 10W-40 is particularly suitable for on-road diesel heavy-duty applications.
- With its “low-SAPS” (low sulphated ash, phosphorus and sulphur) technology, ELF PERFORMANCE PRO 900 10W-40 protects diesel engines equipped with post-treatment systems such as diesel particulate filters (DPFs).
- ELF PERFORMANCE PRO 900 10W-40 is adapted to Euro 6 and previous Mercedes-Benz, DAF and some Scania and MAN engines. It is also suitable for most Euro 5 vehicle manufacturers.
- This lubricant enables coverage of a fleet of mixed brands with a minimal number of products (American and European manufacturers).

## 2 Specifications And Approvals

<b>Specifications</b>	ACEA E7/E9 API CJ-4/CI-4/CH-4
<b>Manufacturers' approvals</b>	Mack EO-O Premium Plus, MB-Approval 228.51, Renault Trucks RLD-3, Volvo VDS-4
<b>Meets the requirements of</b>	Cummins CES 20081, DAF, IVECO TLS E9, MAN M 3477/M 3271-1

## 3 Performances And Customer Benefits

- Synthetic base stocks and high-performance additives offer high-performance lubricant.
- Outstanding detergent, antioxidant and anti-corrosion properties, help to reach extended oil drain intervals required by DAF and Mercedes-Benz, and reduce maintenance costs.
- The association of detergent, dispersant and anti-wear keeps the engine's most sensitive parts clean.
- Excellent piston cleanliness performance affords effective protection against cylinder liner polishing.
- The advanced “low-SAPS” formulation of ELF PERFORMANCE PRO 900 10W-40 helps prevent the clogging of the diesel particulate filter (DPF) and extends the post-treatment system durability.

## 4 Physical And Chemical Characteristics\*

ELF PERFORMANCE PRO 700 20W-50	METHOD	UNIT	VALUE
Density at 15°C	ASTM D1298	kg/m <sup>3</sup>	864
Kinematic Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	91
Kinematic Viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	13.7
Viscosity Index	ASTM D2270	–	153
Flash Point	ASTM D92	°C	235
Pour point	ASTM D97	°C	-39
T.B.N	ASTM D2896	mgKOH/g	10
Sulphated Ash	ASTM D874	% m/m	1

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