

Lubricant for diesel engines, suitable for use in on road applications, with “low-SAPS” technology.

1 Application

- ELF PERFORMANCE PRO 1000 15W-40 is adapted to on-road diesel technology (heavy-duty, urban transport, delivery...).
- It is also compatible with certain gas engines.
- With its “low-SAPS” (low sulphated ash, phosphorus and sulphur) technology, ELF PERFORMANCE PRO 1000 15W-40 protects diesel engines equipped with post-treatment systems such as diesel particulate filters (DPFs).
- ELF PERFORMANCE PRO 1000 15W-40 is suitable for Euro 6 (and previous) engines.
- ELF PERFORMANCE PRO 1000 15W-40 enables coverage of a fleet of mixed brands, with a minimal number of products.

2 Specifications And Approvals

Specifications	ACEA E9/E7 API CK-4/CJ-4/CI-4+/CI-4/CH-4/SN
OEM Approvals	Cummins CES 20086, DDC DFS 93K222, Mack EO-S 4.5, MB-Approval 228.31, Renault Trucks RLD-3, Volvo VDS-4.5, FORD WSS-M2C171-F1
Meets the requirements of	DAF, Iveco

3 Performances And Customer Benefits

- ELF PERFORMANCE PRO 1000 15W-40 contains excellent viscosity stability in service, guaranteeing efficient engine lubrication in severe conditions.
- Exceptional detergent, dispersant and anti-wear additives keep the engine’s most sensitive parts clean and enable effective control of soot, sludge and piston deposits.
- The “low-SAPS” formulation of ELF PERFORMANCE PRO 1000 15W-40 improves the post-treatment system durability, preventing the clogging of the diesel particulate filter.

4 Physical And Chemical Characteristics*

ELF PERFORMANCE PRO 1000 15W-40	METHOD	UNIT	VALUE
Density at 15°C	ASTM D1298	kg/m ³	877
Kinematic Viscosity at 40°C	ASTM D445	mm ² /s	118.2
Kinematic Viscosity at 100°C	ASTM D445	mm ² /s	15.47
Viscosity Index	ASTM D2270	-	137
Flash Point	ASTM D92	°C	234
Pour point	ASTM D97	°C	-30
T.B.N	ASTM D2896	mgKOH/g	10
Sulphated Ash	ASTM D874	% m/m	0.99

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