

ELF PERFORMANCE PRO 2000 10W-40 is a "Low-SAPS" lubricant meeting the latest API CK 4 specification, and particularly suitable for Diesel, CNG and LNG engines.



Technical Data Sheet

International Specifications	ACEA E6, E7, E8, E9, E11 API CH-4, CI-4, CI-4 PLUS, CJ-4, CK-4
Manufacturers Approvals	Approved : CUMMINS CES 20086 DTFR 15C110, DTFR 15C120 MACK EOS-4.5, RENAULT TRUCKS RLD-3, VOLVO VDS-4.5 Meets the requirement of : DAF, DETROIT DIESEL 93K222 MAN M 3271-1, MAN M 3477 MTU Category 3.1 Suitable for : IVECO FPT TLS CK4, IVECO FPT TLS E9 CNH MAT 3521, CNH MAT 3571, JOHN DEERE JDQ 78X CAT ECF-1-a ,CAT ECF-2 ,CAT ECF-3, DEUTZ TTCD, DEUTZ DQC IV-18 LA, MAN M 3775, KOMATSU

* Refer to the maintenance book of your vehicle to know the recommendation of the manufacturer.

1 - Applications

ELF PERFORMANCE PRO 2000 10W-40 is approved by Volvo for its latest generation Euro VI engines with long oil drain intervals defined by the manufacturer. It is also suitable for most Euro VI vehicle manufacturers.

Covers a fleet of mixed brands (American and European manufacturers) with a minimal number of products.

2 - Customer Benefits

The advanced "Low-SAPS" Technology of PERFORMANCE PRO 2000 10W-40 protects diesel engines equipped with post-treatment systems by preventing the clogging of the diesel particulate filters (DPFs). This helps extends the post-treatment system durability.

The outstanding detergent, antioxidant and anti-corrosion properties keeps the engine's most sensitive parts clean. This helps reach extended oil drain intervals required by DAF and Mercedes-Benz, thus reducing maintenance costs.

3 - Characteristics

TEST	TEST METHOD	UNITS	VALUE
Density at 15°C	ASTM D1298	kg/m ³	866
Kinematic Viscosity at 40°C	ASTM D445	mm ² /s	103,1
Kinematic Viscosity at 100°C	ASTM D445	mm ² /s	14,75
Viscosity index	ASTM D2270	-	149
Pour point	ASTM D97	°C	-33
Flash point	ASTM D92	°C	238
TBN	ASTM D2896	mgKOH/g	9,7
Sulphated Ash	ASTM D874	% m/m	0,9

* The characteristics given above are obtained with a standard tolerance threshold during production and may not be considered specifications.

4 - Recommendations for Use

Before using the product, the vehicle's maintenance guide should be checked. Oil changes should be carried out in accordance with the manufacturer's recommendations.

The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations. If possible, the packaging should not be exposed to the elements.

Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.

5 - Health, Safety and The Environment

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet (SDS).

The SDS is available on request from your local reseller and at <https://ms-sds.totalenergies.com>.

This product should not be used for any purposes other than the ones for which it is intended.