

ELF EVOLUTION FULL-TECH LLX 5W-30 is a very high performance lubricant using ELF Advanced Synthetic Technology, intended for lubrication of Gasoline and Diesel light vehicles engines.

Technical Data Sheet

International Specifications

ACEA C3
API SP

Manufacturers Approvals

Approved :
BMW LL-04
MB-APPROVAL 229.51, MB-APPROVAL 229.52, MB-APPROVAL 229.31
OV 040 1547 - D30, OV 040 1547 - G30
PORSCHE C30
VW 504.00, VW 507.00

Meets the requirement of :
VW 505.00, VW 505.01

Suitable for :
CHRYSLER MS-11106
FIAT 9.55535-S3

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

1 - Applications

ELF EVOLUTION FULL-TECH LLX 5W-30 was formulated to ensure compatibility with post-treatment systems. It is recommended for all recent engines, multivalve, and turbocharged, direct injection, with or without catalytic converter. It is particularly adapted to recent Mercedes-Benz and BMW vehicles equipped with a post-treatment systems, as well as to VW direct injection system.

Suitable for the most difficult conditions of use (city, road, highway) and all driving styles, particularly "vigorous" and high speeds.

2 - Customer Benefits

Optimizes post-treatment systems allowing a strong reduction of pollutant emissions, thanks to its low levels of Sulphated Ash, Phosphorus and Sulphur (low SAPS).

Ensures optimal cleanliness of the engine, thanks to very good detergent and dispersion properties.

Gives engines excellent wear protection thanks to its high-tech additives.

Ensures an outstanding engine longevity and meets the most demanding OEMs requirements in terms of oil change intervals (up to 30000 km for Gasoline and 50000 km for Diesel engines), thanks to an outstanding oxidation resistance.

3 - Characteristics

TEST	TEST METHOD	UNITS	VALUE
Density at 15°C	ASTM D1298	kg/m ³	850
Kinematic Viscosity at 40°C	ASTM D445	mm ² /s	67.1
Kinematic Viscosity at 100°C	ASTM D445	mm ² /s	11.9
Viscosity index	ASTM D2270	-	175
Pour point	ASTM D97	°C	-42
Flash point	ASTM D92	°C	234
TBN	ASTM D2896	mgKOH/g	-
Sulphated Ash	ASTM D874	% m/m	-

* 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 Safety Data Sheet can be obtained on request from your local reseller and is available for consultation at <https://ms-sds.totalenergies.com>.

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