

ELF EVOLUTION FULL-TECH APX 0W-20 is a very high performance lubricant using ELF Advanced Synthetic Technology, intended for lubrication of European Gasoline and Diesel car engines requiring SAE 0W-20 grades.

Technical Data Sheet

International Specifications	ACEA C5 API SN ILSAC GF-5
Manufacturers Approvals	Approved : BMW LL-17 FE+ Backward compatible : BMW LL-14 FE+
	Meets the requirement of : FIAT 9.55535-DM1 FORD WSS-M2C-952-A1

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

1 - Applications

ELF EVOLUTION FULL-TECH APX 0W-20 is specially formulated to ensure compatibility with post-treatment systems. It meets most recent ACEA standards and shows exceptional wear protection and fuel economy performance.

2 - Customer Benefits

Suitable for most recent European engines requiring 0W-20 SAE grade of lubricant, especially BMW with BMW 17 FE+ technical requirements.

Enables the optimization of post-treatment that allows high reduction of pollutant emissions, thanks to low rates of Sulphated Ash, Phosphorous, and Sulphur (low SAPS).

Outstanding performance of fuel economy.

Exceptional wear protection for a better durability of the engine.

3 - Characteristics

TEST	TEST METHOD	UNITS	VALUE
Density at 15°C	ASTM D1298	kg/m ³	853,6
Kinematic Viscosity at 40°C	ASTM D445	mm ² /s	34,4
Kinematic Viscosity at 100°C	ASTM D445	mm ² /s	7,82
Viscosity index	ASTM D2270	-	211
Pour point	ASTM D97	°C	-52
Flash point	ASTM D92	°C	222
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.