

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

## Technical Data Sheet

International Specifications	ACEA C4, C3
Manufacturers Approvals	Approved : MB-APPROVAL 226.51, MB-APPROVAL 229.51 RENAULT RN0720
	Meets the requirement of : FIAT 9.55535-S4

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

## 1 - Applications

ELF EVOLUTION FULL-TECH FE 5W-30 was formulated to ensure compatibility with post-treatment systems. It is suitable for all recent diesel engines that meet EURO IV and EURO V emission reduction standards. Particularly suitable for recent Renault vehicles fitted with Diesel Particulate Filter (DPF).

Suitable for all driving styles, especially sporty and high-speed in all seasons.

## 2 - Customer Benefits

Ensures optimal engine cleanliness, thanks to very good detergent and dispersion properties. Gives engines excellent wear protection thanks to its high-tech additives.

Optimizes post-treatment systems allowing a strong reduction of pollutant emissions, thanks to its low levels of sulphated ash, phosphorus and sulphur (low SAPS).

Specific formule enabling fuel economy (thanks to reduction of the friction). 2,1 % at the M111 FE test of ACEA (minimum 1%).

Helps to extend oil change interval up to 30.000 km.

Reduced oil consumption thanks to the use of synthetic base oils of low volatility.

Ensures outstanding engine longevity thanks to very high oxidation resistance.

## 3 - Characteristics

TEST	TEST METHOD	UNITS	VALUE
Density at 15°C	ASTM D1298	kg/m <sup>3</sup>	851
Kinematic Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	68.4
Kinematic Viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	12
Viscosity index	ASTM D2270	-	174
Pour point	ASTM D97	°C	-36
Flash point	ASTM D92	°C	236
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.