# EVOLUTION R-TECH ELITE FE 0W-16

For hybrid engines meeting the EURO 7 standard. Specially designed for Renault engines.

Technical Data Sheet

| | |
|---|---|
| International Specifications | API SP<br>ILSAC GF-6B |
| Manufacturers Approvals | Approved :<br>RENAULT AN2022 |

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

## 1 - Applications

ELF has gathered its know-how to develop this synthetic high-performance lubricant using ELF Advanced Synthetic Technology.

ELF EVOLUTION R-TECH ELITE FE 0W-16 was specially designed for the following Renault engines: Renault HR18 and all HR12 from E06W, E07 only.

## 2 - Customer Benefits

Thanks to its exceptional fluidity, ELF EVOLUTION R-TECH ELITE FE 0W-16 surpasses the demanding Fuel Economy fired testing WLTC HR13DDT (1.3L TGDI) and delivers exceptional Fuel Economy performance. 2X more Fuel Economy vs AN2022 standards

Ensures your engine longevity and best performance thanks to excellent deposit prevention. +4% piston cleanliness vs AN2022 standards

Best in class oxidation prevention and low engine oil volatility to ensure low oil consumption. +23% more oxidation performance vs AN2022 standards

Guarantees post treatment system efficiency (GPF) to allow better and sustainable air quality respect.

Designed by ELF engineering teams and approved by RENAULT.



This lubricant, used according to our recommendations and for the application for which it is intended, does not present any particular risk. A safety data sheet in accordance with the legislation in force in the C.E. is available from your sales advisor.

## 3 - Characteristics

| TEST | TEST METHOD | UNITS | VALUE |
|---|---|---|---|
| Density at 15°C | ASTM D1298 | $kg/m^3$ | 841,3 |
| Kinematic Viscosity at 40°C | ASTM D445 | $mm^2/s$ | 26,95 |
| Kinematic Viscosity at 100°C | ASTM D445 | $mm^2/s$ | 6,435 |
| Viscosity index | ASTM D2270 | - | 206 |
| Pour point | ASTM D97 | °C | - |
| Flash point | ASTM D92 | °C | 243 |
| TBN | ASTM D2896 | mgKOH/g | 8,3 |
| 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 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.



This lubricant, used according to our recommendations and for the application for which it is intended, does not present any particular risk. A safety data sheet in accordance with the legislation in force in the C.E. is available from your sales advisor.