EVOLUTION 700 TURBO DIESEL 10W-40

ELF EVOLUTION 700 TURBO DIESEL 10W-40 is a very high performance lubricant using ELF Synthetic Based Technology, specially developed for Diesel car engines, answering the enhanced requirements of the latest direct injection technologies.

Technical Data Sheet

International Specifications	ACEA A3/B4 API CF, SL
Manufacturers Approvals	Approved : RENAULT RN0700, RENAULT RN0710 VW 501.01, VW 505.00 Meets the requirement of : MB-229.3 FIAT 9.55535-G2

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

1 - Applications

ELF EVOLUTION 700 TURBO DIESEL 10W-40 is specially adapted to the requirements of modern technology Diesel engines, namely the direct injection with or without Common Rail.

It is fully adapted to all types of service (in town, on highways and motorways), and to the most extreme conditions (high temperatures).

2 - Customer Benefits

ELF Synthetic Based Technology, ensuring sustainable performance over the time, thus meeting the needs of the OEMs in terms of extended oil drain intervals.

Excellent detergent properties giving greater engine cleanliness for better performance.

Specially designed to meet the particular requirement of direct injection engines. Direct injection improves power and low-speed torque, and reduces fuel consumption, but also increases the operating temperature. It is therefore important to use a lubricant able to protect the engine at high temperature.

Wide viscosity index range giving the lubricant excellent performance at high temperature, and ensuring rapid lubrication of engine components during cold starts. This optimal protection at any temperature extends engine's life.

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	873
Kinematic Viscosity at 40°C	ASTM D445	mm^2/s	96,81
Kinematic Viscosity at 100°C	ASTM D445	mm^2/s	14,81
Viscosity index	ASTM D2270	-	160
Pour point	ASTM D97	°C	-24
Flash point	ASTM D92	°C	232
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.

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.