

ELF EVOLUTION 500 TS 20W-50 is multigrade oil for Gasoline and Diesel engines formulated with carefully selected and accurately measured out additives.

Technical Data Sheet

International Specifications	API CF, SL
Manufacturers Approvals	Meets the requirement of : MB-229.1 VW 501.01, VW 505.00

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

1 - Applications

ELF EVOLUTION 500 TS 20W-50 is recommended for all Gasoline engines in cars and vans. It can also be used in Diesel engines.

It is suitable for use at high temperature.

2 - Customer Benefits

Detergent/dispersant properties to keep engine parts clean and in particular prevent black sludge formation and the build-up of particles.

Thermal stability and resistance to oxidation, preventing premature degradation at high temperature.

Helps prevent wear, particularly in the timing system.

Anti-corrosion and anti-foaming capability.

Shear resistance ensuring good lubrication in use, both hot and cold.

Suitable for engines burning lead-free fuel and completely harmless to catalytic converters.

3 - Characteristics

TEST	TEST METHOD	UNITS	VALUE
Density at 15°C	ASTM D1298	kg/m ³	900
Kinematic Viscosity at 40°C	ASTM D445	mm ² /s	169,8
Kinematic Viscosity at 100°C	ASTM D445	mm ² /s	18,65
Viscosity index	ASTM D2270	-	123
Pour point	ASTM D97	°C	-27
Flash point	ASTM D92	°C	244
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.