

# Technical Data Sheet

Very high performance lubricant using ELF Advanced Synthetic Technology, intended for Gasoline and Diesel car engines.

## 1 Applications

**All Gasoline/Diesel engines, particularly those of recent technology**

- Recommended for all Gasoline engines (multivalve, turbocharged, with or without catalytic converter) and all Diesel engines – with or without turbocharging – in cars and light vans, which are non equipped with a Diesel particulate filter.

**The most severe journeys**

- Suitable for all journeys (in town, on highways and motorways) and particularly in severe conditions.

**“Vigorous” driving**

- For all driving styles, particularly “vigorous” and high speeds.

**Extended drain interval**

- Specially designed to meet the needs of the motor manufacturers regarding extended oil change intervals.

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

## 2 Performances

**International specifications**

ACEA : A3/B4  
API: SL/CF

**OEM Approvals**

VOLKSVAGEN VW 502.00 / VW 505.00  
MERCEDES BENZ MB-Approval 229.3

## 3 Customer Benefits

**Optimal performance**

- Excellent engine protection, particularly against timing system wear.

**Excellent engine cleanliness and protection**

- Ensures maximum engine cleanliness.

**Facilitates cold start**

- Outstanding thermal stability, oxidation resistance eliminating any degradation even in very severe use.

**Lengthens engine life**

- Immediate lubrication of engine parts during cold starts, leading to longer engine life.

**Extended oil change intervals**

- Meets the requirements of the manufacturers as regards extended oil change intervals.

## 4 Characteristics

|                    | METHOD     | UNITS              | SAE GRADE 5W-40 |
|--------------------|------------|--------------------|-----------------|
| Density at 15°C    | ASTM D1298 | kg/m <sup>3</sup>  | 854             |
| Viscosity at 40°C  | ASTM D445  | mm <sup>2</sup> /s | 87              |
| Viscosity at 100°C | ASTM 445   | mm <sup>2</sup> /s | 14,3            |
| Pour point         | ASTM D97   | °C                 | -36             |
| Flash point        | ASTM D92   | °C                 | 220             |
| B.N.               | ASTM D2896 | mgKOH/g            | 10              |

The typical characteristics mentioned represent mean values