

Technical Data Sheet

Very high performance lubricant using ELF Advanced Synthetic Technology, intended for lubricating light vehicles with Gasoline and Diesel car engines. Specially formulated to ensure compatibility with post-treatment systems.



1 Applications

Most recent technology engines

- Recommended for all recent engines, multivalve, and turbocharged, direct injection, with or without catalytic converter.

The most severe journeys

- Particularly adapted to recent Mercedes-Benz, BMW vehicles equipped with a post-treatment system. Adapted to VW motors with direct injections. Especially adapted to VW direct injection system.

« Vigorous » driving, all times of year

- For all driving styles, particularly « vigorous » and high speeds.

2 Performances

International Specifications

ACEA C3

Manufacturers Approvals

| | |
|---------------|--------------------|
| VOLKSWAGEN | VW 504.00 / 507.00 |
| PORSCHE | C30 |
| BMW | BMW LL-04 |
| MERCEDES BENZ | MB 229.51 |

3 Customer Benefits

A better environment protection

- Enables the optimization of post-treatment that enables high reduction of pollutant emissions, thanks to low rates of Sulphated Ash, Phosphorous, and Sulphur (low SAPS).

Ensured performance of the lubricant over time and Extended Drain Intervals

- Ensures an outstanding engine longevity, and meets the most demanding OEMs requirements in terms of oil change intervals (up to 30000 km for Gasoline and 50000 km for Diesel engines), thanks to an outstanding oxidation resistance.

Excellent engine protection and cleanliness

- Confers to the engines an excellent global wear protection, thanks to its high technology additivation. Ensures maximum engine cleanliness, thanks to very good detergent and dispersion properties.

4 Characteristics

| | MÉTHOD | UNITS | SAE GRADE 5W-30 |
|--------------------|------------|--------------------|-----------------|
| Viscosity at 40°C | ASTM D445 | mm ² /s | 67.1 |
| Viscosity at 100°C | ASTM 445 | mm ² /s | 11.9 |
| Viscosity index | ASTM D2270 | - | 175 |
| Density at 15°C | ASTM D4052 | kg/m ³ | 850 |
| Pour point | ASTM D97 | °C | -42 |
| Flash point | ASTM D92 | °C | 234 |

The typical characteristics mentioned represent mean values