



Very high performance lubricant using ELF Advanced Synthetic Technology, intended for lubricating all Gasoline and Diesel car engines. Specially formulated to ensure compatibility with MERCEDES BlueTEC EuroVI system.

## 1 Applications

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

- 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 and Opel/Vauxhall vehicles equipped with a post-treatment system.

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

**« Vigorous » driving, all times of year**

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

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

## 2 Performances

**International Specifications**

ACEA C2 & ACEA C3  
API SN/CF

**Manufacturers Approvals**

MERCEDES BENZ MB-approval 229.52  
OPEL / VAUXHALL OV0401547-D30  
Meets the requirements of: GM dexos 2

## 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 sulfur, ashes and phosphorus (low SAPs).

**Extended oil change intervals**

- Meets the most demanding OEMs requirements enabling very extended oil change intervals (20000 to 40000 km), thanks to an outstanding oxidation resistance.

**Excellent engine protection and cleanliness**

- Gives the engine an excellent wear protection, thanks to its very solid additive package.
- Ensures maximum engine cleanliness, thanks to very good detergent and dispersion properties.

## 4 Characteristics

MÉTHODE		UNITS	SAE GRADE 5W-30
Density at 15°C	ASTM D1298	kg/m <sup>3</sup>	853
Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	72.8
Viscosity at 100°C	ASTM 445	mm <sup>2</sup> /s	12.3
Viscosity index	ASTM D2270	-	168
Pour point	ASTM D97	°C	-35
Flash point	ASTM D92	°C	238

The typical characteristics mentioned represent mean values