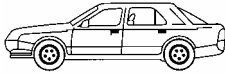




# SOLARIS LLX 5W-30



**Very high performance lubricant using ELF synthetic technology, intended for lubricating light vehicles Gasoline and Diesel engines. Specially formulated to ensure compatibility with post-treatment systems.**

## APPLICATIONS

**Most recent technology engines**

- Recommended in particular for the engines respecting the EURO IV norms about emission reduction.

**The most severe journeys**

- Particularly formulated to meet the specific demands of Volkswagen vehicles.

**« 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.

## PERFORMANCES

**International specifications**

ACEA 2004: A3/B4

**OEMs approvals**

VOLKSWAGEN: VW 504.00/507.00

Covers the requirements of VW 503.01 specification.

## 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)

**Ensured performance of the lubricant over time  
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.

## CHARACTERISTICS

ELF SOLARIS LLX 5W-30	Method	Units	SAE Grade 5W-30
Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	71,2
Viscosity at 100°C	ASTM 445	mm <sup>2</sup> /s	11,8
Viscosity Index	ASTM D2270	-	161
Pour Point	ASTM D97	°C	-45
Flash Point	ASTM D92	°C	234
B.N.	ASTM D2896	mgKOH/g	5,8

The typical characteristics mentioned represent mean values

TOTAL LUBRIFIANTS  
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Elf Solaris LLX 5W-30  
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This lubricant used in accordance with our recommendations and for the application for which it is intended does not represent a special hazard. A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant.