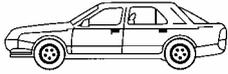




# COMPETITION ST 15W-50



**ELF Competition ST 15W-50 is a multigrade oil designed for the most recent and highest performance Gasoline engines, whose formulation uses a combination of mineral bases and selected synthetic oils.**

## APPLICATIONS

**All Gasoline engines**

- Recommended for all Gasoline and Diesel engines in private cars, MPVs and light vans.

**High speed / Urban driving**

- Allows extended use both at high speed for "vigorous" applications and in urban driving, and ensures optimal engine operation whatever the temperature.

**Any time of year**

- Can be used throughout the year.

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

## PERFORMANCES

**International specifications**

ACEA 2004: A3/B3  
API: SL/CF

**OEMs approvals**

VOLKSWAGEN: VW 505.00, performance level VW 500.00  
MERCEDES-BENZ: MB page 229.1

## CUSTOMER BENEFITS

**Highly tenacious oil film**

- Excellent lubricating properties both hot and cold, ensuring in particular a tenacious oil film at high temperature.

**Engine protection**

- Very high detergent-dispersant capability, keeping engine components perfectly clean and giving very effective protection against the formation of black sludge.

**Engine life**

- Outstanding thermal stability and oxidation resistance, preventing any premature degradation.
- Outstanding protection against wear, particularly in the timing system.
- Excellent anticorrosion and antifoaming properties.
- High viscosity number and high shear stability thanks to the use of special bases and selected viscosity additives, ensuring the best possible performance in service.

## CHARACTERISTICS

ELF COMPETITION ST 15W-50	Method	Units	SAE Grade 15W-50
Density at 15°C	ASTM D1298	kg/m <sup>3</sup>	878,3
Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	141,7
Viscosity at 100°C	ASTM 445	mm <sup>2</sup> /s	18,4
Viscosity Index	ASTM D2270	-	150
Pour Point	ASTM D97	°C	-36
Flash Point	ASTM D92	°C	239

The typical characteristics mentioned represent mean values

TOTAL LUBRIFIANTS  
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Elf Competition ST 15W-50  
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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.