



# ELITE COMPETICIÓN 5W40

## Description

A lubricant of synthetic technology, designed with the experience provided by the Repsol motorsport teams and capable of coping with the extreme and changeable conditions of every circuit. Recommended as the best choice for the most advanced and demanding car engines available on the market such as Porsche, Mercedes Benz, Audi, BMW, Renault, etc. who include it amongst their recommended products. Its use in any vehicle will improve performance, optimise consumption, minimise friction and protect the engine as efficiently as possible.

## Properties

- An oil of synthetic multigrade technology, highly stable and resistant to shearing.
- Excellent viscosimetric performance in cold, making starting up easy and reducing engine wear to a minimum.
- Low volatility, which in turn reduces lubricant consumption.
- Elevated detergent-dispersal power that assures the complete cleaning of engine parts.
- Extraordinary performance both in cold and in hot.
- Optimum fluid circulation of the oil, avoiding wearing in the critical parts of the engine.
- Its components allow for fast deaeration, minimizing the formation of foam at times of high engine rotations.
- Elevated thermo-oxidative stability.
- Absence of deposits and stability in the turbines.
- Its studied design, choice of bases and additives make it a product of optimum durability in service.
- It exceeds the most demanding of specifications set for this type of oils.

## Quality levels

- API SN/CF
- ACEA A3/B3, A3/B4
- VW 502.00/505.00
- MB 229.3
- BMW LL-01
- PORSCHE A40
- RN0700, RN0710
- GM LL-B-025

## Technical specifications

	UNIT	METHOD	VALUE
SAE grade			5W40
Density at 15°C	g/cm <sup>3</sup>	ASTM D 4052	0.850
Viscosity at 100°C	cSt	ASTM D 445	14.5
Viscosity at 40°C	cSt	ASTM D 445	89
Viscosity at -30°C	cP	ASTM D 5293	6600 max
Viscosity index	-	ASTM D 2270	170
Flash point, open cup	°C	ASTM D 92	215 min
Pour point	°C	ASTM D 97	-51
TBN	mg KOH/g	ASTM D 2896	10
Sulphated ash	% weight	ASTM D 874	1
Shear Stability Bosch Injector: Viscosity after shear test, 100°C	cSt	CEC L-14-93	12.5
Noack Volatility, 1 hour at 250°C	% weight	CEC L-40-93	11.5% max

## ■ Hazard identification

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This product is not classified as toxic or dangerous under current legislation.

## ■ Handling

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Certain minimum precautions to avoid prolonged contact with the skin should be taken when handling. The use of gloves, visors or masks is recommended in order to avoid splashes.

## ■ Health and Safety Hazards

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**Inhalation:** Low-volatility product, therefore the risk from inhalation is minimal.

**Ingestion:** Do not provoke vomiting. Drink water. Seek medical assistance.

**Contact with skin:** Wash with abundant water and soap.

**Eyes:** Wash with abundant water.

**General measures:** Seek medical assistance.

## ■ Fire-fighting measures

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No special measures are required.

**Fire control:** Foams, dry chemicals, CO<sub>2</sub>, water spray. Do not apply water jet directly as this may cause the product to spread.

## ■ Environmental precautions

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Danger of physical contamination in case of spillage (watercourses, coastal areas, the ground, etc.) due to its floating capacity and oily consistency, which may cause damage to fauna and flora with which it comes into contact. Avoid its penetration into water containers or outlets.

**Decontamination and cleaning:** Treat as an accidental oil spillage. Avoid spreading by using mechanical barriers and eliminate using both physical and chemical means.

A safety data file is available on request.

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Unless otherwise specified, the values cited in the technical specifications should be considered typical.