



Product Data

Castrol EDGE 0W-40

UNLOCK THE VERY EDGE OF PERFORMANCE

Description

With worldwide emissions regulations tightening there is a renewed challenge to produce more power whilst still improving engine efficiency. Never before has engine oil played such a key role to deliver performance.

Engines are complex, with many moving parts – movement that can waste useful fuel energy through inefficiency. With these losses, power can be impacted. The challenge is to maintain the high performance levels expected by drivers, whilst engine technology adapts to meet the demanding legislative limits.

Castrol EDGE is stronger under pressure. It unlocks your engine's performance and efficiency to deliver more power with the same fuel.*

Castrol EDGE: unlock the very edge of performance.

** Greater power delivery for same amount of fuel used compared to 5W-40 baseline, demonstrated by engine testing for more than 80% of the Castrol EDGE portfolio in global sales volume in 2021.*

Application

Castrol EDGE 0W-40 is suitable for petrol, diesel and hybrid cars and designed to meet the latest specifications required by modern engines where the vehicle manufacturer recommends an ACEA C3, API SQ or earlier specification 0W-40 lubricant.

Advantages

The Castrol EDGE range:

- Recommended for world-leading car manufacturers, motorsport teams and mechanics
- Demonstrates improved performance as a result of better fuel economy*
- Delivers more horsepower and greater acceleration*
- Stronger under pressure in today's modern engines

Castrol EDGE 0W-40 delivers against HYSPEC, Castrol's new hybrid performance standard**

**demonstrated in Castrol engine testing relative to 5W-40 baseline, for more than 80% of the Castrol EDGE portfolio in volume in 2021.*

***Across critical areas of contaminants, engine intermittency and system efficiency.*

Typical Characteristics

Name	Method	Units	EDGE 0W-40
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	74
Pour Point	ASTM D97	°C	-45
Flash Point, PMCC	ASTM D93	°C	200
Density @ 15C, Relative	ASTM D4052	g/ml	0.842
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	13.3
Viscosity, CCS -35C (0W)	ASTM D5293	mPa.s (cP)	5900
Viscosity Index	ASTM D2270	None	185
Ash, Sulphated	ASTM D874	% w t	0.8

Performance

ACEA C3

API SQ

BMW Longlife-04

MB-Approval 226.5/ 229.31/ 229.51

Renault RN 0700 / RN 0710

Meets Fiat 9.55535-S2, MB 229.52

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Castrol EDGE 0W-40

26 Jun 2025

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

BP OIL HELLENIC S.A. , 26?, Apostolopoulou Str, 152 31, Chalandri , Attica
210 6887777
www.castrol.gr