Product Data

Castrol EDGE 0W-40 MP

UNLOCK THE VERY EDGE OF PERFORMANCE

Description

The engine is the heart of the car. Over the past decade, groundbreaking advances in engine technology have boosted performance and efficiency, but we are no longer seeing big step changes in design.
Now, with tougher regulations and more demanding specifications, the focus has shifted to engine oils as a critical area where advances can be made.

The challenge is to deliver the best performance for drivers, who still expect peak performance from their cars, while manufacturers navigate increasingly stringent legislative limits.

Castrol has identified 7 critical factors where engine oil impacts performance - and has proven that Castrol EDGE delivers ultimate performance against these.

Castrol EDGE is data engineered to surpass the latest industry and OEM specifications to deliver ultimate performance in 7 critical factors*:
Pressure, Power, Endurance, Fuel Economy, High Temperature Performance, Cleanliness and Wear.

Castrol EDGE: unlock the very edge of performance.

For more, visit castrol.com/global-edge

* Across the Castrol engine oils portfolio only Castrol EDGE demonstrates ultimate performance by surpassing the limits of industry specifications as well as either obtaining multiple formulation defining OEM specifications or undergoing formulation co-engineering with an OEM across 7 critical factors of: Pressure, Power, Endurance, Fuel Economy, High Temp performance, Cleanliness and Wear (> 80% of Castrol EDGE products based on global 2024 portfolio volume sales).

Application

Castrol EDGE 0W-40 MP 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:

- Delivers ultimate performance in 7 critical factors* of Pressure, Power, Endurance, Fuel Economy, High Temperature Performance, Cleanliness and Wear
- Data engineered, motorsport inspired and OEM approved
- Designed for latest engine technology
- Recommended for world-leading car manufacturers

Castrol EDGE 0W-40 MP delivers against HYSPEC, Castrol’s hybrid performance standard**

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

Typical Characteristics

Name	Method	Units	Castrol EDGE 0W-40 MP
Density @ 15C, Relative	ASTM D4052	g/ml	0.842
Viscosity, Kinematic 100C	ASTM D445	mm²/s	13.3
Viscosity, Kinematic 40C	ASTM D445	mm²/s	74
Viscosity Index	ASTM D2270	None	185
Viscosity, CCS -35C (0W)	ASTM D5293	mPa.s (cP)	5900
Pour Point	ASTM D97	°C	-45
Flash Point, PMCC	ASTM D93	°C	200
Ash, Sulphated	ASTM D874	% wt	0.8

Performance

ACEA C3
API SQ
BMW Longlife-04
MB-Approval 226.5/ 229.51/ 229.52
Renault RN0700 / RN0710
Meets Fiat 9.55535-S2
Recommended by Castrol for: MB 229.31

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.

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