



Lube Control Pty Ltd



Product Data

Castrol EDGE 5W-30 LL

UNLOCK THE VERY EDGE OF PERFORMANCE

Description

Trusted by experts, Castrol EDGE is data engineered to surpass demanding industry and manufacturer specifications, delivering superior performance across the key factors that impact performance – factors like endurance, wear and high temperature performance.

Long-standing connections with many of the world's leading OEMs ensures Castrol stays at the forefront of technological advancements, providing direct visibility of the latest engine technology and performance requirements. This connectivity underpins development of the Castrol EDGE range, delivering advanced lubricants that deliver optimal performance, efficiency, and protection while meeting rigorous manufacturer specifications – as validated by the manufacturer themselves.

It's why experts – ranging from world-leading car manufacturers, to motorsport teams, and mechanics – trust Castrol EDGE to unlock the very edge of performance in their vehicles.

Choose Castrol EDGE and unlock the very edge of performance.

Castrol EDGE 5W-30 LL is:

- Formulated to deliver superior performance
- Data-engineered and motorsport inspired
- Designed for latest engine technology
- Recommended for world-leading car manufacturers
- Suitable for hybrid cars
- Delivers against HYSPEC, Castrol's hybrid performance standard*

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

Application

Castrol EDGE 5W-30 LL is an advanced full synthetic engine oil suitable for use in petrol, diesel (incl. DPF) and hybrid vehicles where the manufacturer recommends an ACEA C3 specification SAE 5W-30 lubricant.

Castrol EDGE 5W-30 LL is formally approved for use in vehicles that require a BMW Longlife-04, MB-Approval 229.51, Porsche C30, or VW 504 00 / 507 00 specification SAE 5W-30 lubricant.

Castrol EDGE 5W-30 LL is warranted by Castrol to be suitable for use in vehicles where MB 229.31 or VW 505 00 / 505 01 specifications are required.

Advantages

EDGE 5W-30 LL:

- Maximises short and long term engine performance
- Delivers unsurpassed levels of protection across a variety of driving conditions and temperatures
- Recommended by world-leading car manufacturers
- Advanced full synthetic engine oil approved for use in automotive petrol, hybrid, and diesel vehicles (incl. DPF)



Typical Characteristics

Name	Method	Units	EDGE 5W-30 LL
Density @ 15C, Relative	ASTM D4052	g/ml	0.85
Viscosity, Kinematic 100C	ASTM D445	mm²/s	12.1
Viscosity, Kinematic 40C	ASTM D445	mm²/s	69
Viscosity Index	ASTM D2270	None	173
Viscosity, CCS -30C (5W)	ASTM D5293	mPa.s (cP)	5800
Pour Point	ASTM D97	°C	-43
Flash Point, PMCC	ASTM D93	°C	194
Ash, Sulphated	ASTM D874	% wt	0.77

Performance

ACEA C3
BMW Longlife-04, MB-Approval 229.51, Porsche C30, VW 504 00/ 507 00
Warranted by Castrol to be completely suitable for use in vehicles where the following specifications apply: - MB 229.31, VW 505 00/ 505 01

Castrol EDGE 5W-30 LL
28 Apr 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, to the extent that it is permissible by law to exclude warranties and representations, 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. Refer to the SDS, available from our website for further information. No responsibility is taken by either Castrol Australia , 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.

Castrol Australia Pty Limited - ABN 87 008 459 407 – 132 McCredie Road, Guildford NSW 2161, Australia
Technical Advice Line 1300 557 998 Customer Service 1300 554 890