



Product Data Sheet

## Castrol EDGE 5W-30 LL

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 5W-30 LL 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 5W-30 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
- Suitable for use in hybrid cars

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

## Typical Characteristics

Name	Method	Units	EDGE 5W-30 LL
Density @ 15C, Relative	ASTM D4052	g/ml	0.85
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	12.1
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /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

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